Top 10 Words Per Item (index-based labels)

=== item_0 ===

rule: 4, companies: 3, regulation: 3, americans: 3, securities: 2, exchange: 2, commission: 2, sec: 2, force: 2, disclose: 2

=== item_1 ===

fed: 4, treasury: 4, two: 3, financial: 3, federal: 2, made: 2, department: 2, would: 2, trillion: 2, bonds: 2

=== item_2 ===

traffic: 4, virginia: 4, stuck: 3, leesburg: 3, pike: 3, northern: 3, jam: 3, road: 3, anyone: 3, said: 3

=== item_3 ===

drones: 4, government: 4, use: 3, said: 3, coalition: 2, allow: 2, kill: 2, terrorists: 2, letter: 2, continuing: 2

=== item_4 ===

said: 4, software: 3, old: 2, still: 2, many: 2, schulz: 2, cylance: 2, company: 2, technology: 2, time: 2

=== item_5 ===

marijuana: 6, measure: 4, law: 3, would: 3, federal: 3, one: 2, long: 2, state: 2, allow: 2, possess: 2

=== item_6 ===

consumers: 6, banks: 4, financial: 3, cfpb: 3, debt: 3, urged: 2, consumer: 2, protection: 2, misleading: 2, payday: 2

=== item_7 ===

encryption: 6, debate: 2, export: 2, sens: 2, believe: 2, government: 2, allowed: 2, name: 2, national: 2, security: 2

=== item_8 ===

companies: 6, government: 5, devices: 4, bill: 4, new: 3, would: 3, draft: 2, unlock: 2, court: 2, compel: 2

=== item_9 ===

financial: 3, new: 3, futures: 3, trading: 3, commission: 3, cftc: 3, institutions: 2, transparency: 2, industry: 2, commodity: 2

=== item_10 ===

central: 4, bank: 4, ruble: 2, russian: 2, percent: 2, tapering: 2, effect: 2, markets: 1, across: 1, eastern: 1

=== item_11 ===

percent: 4, index: 3, rose: 3, stock: 2, exchange: 2, prague: 1, continued: 1, gain: 1, ground: 1, thursday: 1

=== item_12 ===

stock: 4, percent: 4, czech: 3, government: 3, reforms: 3, exchange: 2, index: 2, nearly: 2, last: 2, months: 2

=== item_13 ===

percent: 6, stock: 5, close: 4, bulgaria: 4, market: 3, index: 3, central: 3, bank: 3, thursday: 2, hit: 2

=== item_14 ===

central: 6, bank: 6, czech: 5, inflation: 4, percent: 4, rate: 3, interest: 3, november: 2, month: 2, european: 2

=== item_15 ===

czech: 8, parliament: 5, bill: 4, republic: 4, seats: 3, lower: 3, house: 3, klaus: 2, support: 2, reduce: 2

=== item_16 ===

iran: 6, deal: 3, russia: 3, nuclear: 3, talks: 3, us: 3, year: 3, would: 3, czech: 2, klaus: 2

=== item_17 ===

czech: 1, economic: 1, growth: 1, expected: 1, continue: 1, slowing: 1, next: 1, years: 1, country: 1, get: 1

=== item_18 ===

country: 4, czech: 4, markets: 3, banking: 3, bank: 3, position: 2, week: 2, already: 2, system: 2, republic: 2

=== item_19 ===

song: 10, czech: 9, folk: 4, republic: 2, eurovision: 2, roma: 2, good: 2, example: 2, music: 2, traditional: 2

=== item_20 ===

year: 4, sold: 4, property: 3, last: 3, england: 3, wales: 3, homes: 3, market: 2, report: 2, also: 2

=== item_21 ===

grenfell: 6, deutsche: 5, tower: 5, bank: 5, firm: 4, letter: 3, london: 3, stock: 3, exchange: 3, ritchie: 2

=== item_22 ===

exchange: 6, foreign: 5, trading: 4, government: 4, defend: 3, treasury: 3, budget: 3, also: 3, bank: 3, chancellor: 3

=== item_23 ===

fund: 5, horlick: 3, clark: 3, superwoman: 2, thursday: 2, years: 2, based: 2, million: 2, story: 2, continues: 2

=== item_24 ===

fund: 5, pension: 4, board: 4, horlick: 3, superwoman: 2, manager: 1, nicola: 1, announced: 1, resignation: 1, tuesday: 1

=== item_25 ===

grenfell: 3, former: 2, nicola: 2, horlick: 2, told: 2, judge: 2, victims: 2, family: 2, money: 2, kensington: 2

=== item_26 ===

deutsche: 3, grenfell: 3, building: 3, fire: 3, bank: 3, horlick: 2, job: 2, safety: 2, statement: 2, said: 2

=== item_27 ===

grenfell: 7, bank: 4, tower: 4, fire: 4, council: 3, financial: 3, greste: 3, investment: 2, deutsche: 2, times: 2

=== item_28 ===

bank: 5, said: 4, country: 4, germany: 3, deal: 3, japan: 3, government: 3, agreement: 3, allow: 2, deutsche: 2

=== item_29 ===

merrill: 6, lynch: 6, investment: 4, banking: 4, tallahassee: 4, firm: 3, operations: 2, state: 2, office: 2, coconut: 2

=== item_30 ===

years: 6, liu: 5, xiaobo: 5, state: 3, power: 3, chinese: 2, dissident: 2, said: 2, whose: 2, name: 2

=== item_31 ===

china: 5, kong: 5, hong: 4, announcement: 3, chinese: 3, government: 3, thursday: 2, territory: 2, autonomous: 2, propaganda: 1

=== item_32 ===

said: 5, china: 4, international: 4, party: 3, jiang: 3, role: 3, system: 3, way: 3, communist: 2, prepared: 2

=== item_33 ===

help: 6, china: 4, companies: 4, pledged: 3, foreign: 3, economic: 3, government: 3, also: 3, investment: 2, invest: 2

=== item_34 ===

china: 4, said: 3, bank: 3, yuan: 3, dollar: 3, borrowing: 2, costs: 2, people: 2, percent: 2, roll: 2

=== item_35 ===

said: 6, tighten: 5, goods: 4, controls: 4, korea: 4, china: 3, imports: 3, ministry: 3, sunday: 2, beijing: 2

=== item_36 ===

yuan: 6, china: 5, said: 3, demand: 3, record: 3, dollar: 3, overheating: 2, strength: 2, chinese: 2, value: 2

=== item_37 ===

government: 8, plans: 3, education: 3, development: 3, retail: 2, reduce: 2, cost: 2, number: 2, working: 2, sector: 2

=== item_38 ===

wang: 7, chinese: 4, american: 4, group: 3, china: 3, detained: 2, donghai: 2, president: 2, political: 2, times: 2

=== item_39 ===

activists: 2, names: 2, china: 1, jailed: 1, dozens: 1, dissidents: 1, year: 1, amid: 1, beijing: 1, campaign: 1

=== item_40 ===

digital: 6, quarter: 5, ad: 5, company: 4, mobile: 4, media: 3, revenue: 3, higher: 3, said: 3, driven: 3

=== item_41 ===

bank: 8, lending: 4, billion: 4, commonwealth: 3, australia: 3, home: 3, business: 3, mortgage: 3, loan: 2, posted: 2

=== item_42 ===

move: 7, bank: 5, dollar: 5, currency: 5, australian: 4, would: 4, time: 4, first: 3, major: 3, australia: 2

=== item_43 ===

percent: 7, dollar: 7, peso: 5, since: 4, greenback: 3, wednesday: 2, would: 2, government: 2, record: 2, high: 2

=== item_44 ===

bank: 8, strong: 3, grow: 3, year: 2, good: 2, retail: 2, said: 2, areas: 2, business: 2, commonwealth: 1

=== item_45 ===

said: 4, newspaper: 3, magazine: 3, radio: 2, suspended: 2, deeply: 2, saddened: 2, news: 2, necessary: 2, ensure: 2

=== item_46 ===

lending: 6, bank: 5, australia: 5, said: 5, program: 4, competitive: 4, murray: 3, spain: 3, market: 3, never: 2

=== item_47 ===

seven: 10, network: 7, news: 6, west: 4, media: 4, channel: 3, chief: 3, deal: 2, business: 2, new: 2

=== item_48 ===

company: 3, brambles: 2, shipment: 2, south: 2, east: 2, asia: 2, delivering: 2, expanded: 2, pallet: 1, hire: 1

=== item_49 ===

stadium: 6, olympic: 5, built: 4, consortium: 3, billion: 3, sports: 3, venue: 3, cost: 3, facility: 3, melbourne: 2

=== item_50 ===

company: 6, said: 4, sale: 3, friday: 2, looking: 2, sell: 2, ready: 2, make: 2, final: 2, decision: 2

=== item_51 ===

finance: 4, fitch: 4, mercury: 3, arizona: 3, consumer: 2, company: 2, pay: 2, said: 2, ratings: 2, case: 2

=== item_52 ===

company: 7, said: 3, quarter: 3, loss: 3, forecast: 2, business: 2, financial: 2, creditors: 2, story: 2, continues: 2

=== item_53 ===

san: 4, francisco: 4, fbi: 3, said: 3, charges: 3, office: 3, fraud: 3, mercury: 2, company: 2, federal: 2

=== item_54 ===

said: 5, focus: 4, business: 4, chief: 3, executive: 3, core: 3, brown: 3, bank: 3, unit: 3, canadian: 3

=== item_55 ===

p: 3, dow: 3, nasdaq: 3, strong: 2, market: 2, months: 2, recent: 2, doubled: 2, composite: 2, business: 1

=== item_56 ===

khosla: 5, india: 3, ibi: 3, business: 2, forbes: 2, first: 2, two: 2, group: 2, indian: 2, company: 2

=== item_57 ===

said: 5, thursday: 3, suspension: 3, aware: 3, finance: 2, contract: 2, agency: 2, cra: 2, mercury: 1, suspending: 1

=== item_58 ===

company: 4, california: 4, said: 3, state: 3, tax: 3, mercury: 2, finance: 2, million: 2, royalties: 2, federal: 2

=== item_59 ===

company: 5, said: 4, india: 3, reliance: 2, debt: 2, march: 2, taken: 2, sector: 2, acceptance: 1, corp: 1

=== item_60 ===

said: 4, merger: 3, gold: 3, would: 2, firms: 2, deal: 2, create: 2, copper: 2, producer: 2, canada: 2

=== item_61 ===

police: 4, said: 4, man: 3, think: 3, officer: 3, thursday: 2, officers: 2, home: 2, found: 2, halifax: 2

=== item_62 ===

gas: 5, energy: 3, increase: 3, amount: 3, pipeline: 3, system: 3, supply: 2, moore: 2, province: 2, ontario: 2

=== item_63 ===

city: 7, residents: 5, new: 4, scarborough: 3, hotel: 2, northern: 2, massive: 2, billion: 2, coming: 2, safety: 2

=== item_64 ===

mayor: 5, city: 4, ford: 4, income: 4, toronto: 3, allegations: 3, investigation: 3, brother: 2, doug: 2, facing: 2

=== item_65 ===

gas: 7, indonesian: 3, said: 3, mining: 2, country: 2, made: 2, progress: 2, new: 2, partner: 2, mine: 2

=== item_66 ===

annual: 2, molson: 1, cos: 1, ltd: 1, hold: 1, shareholder: 1, meeting: 1, april: 1, new: 1, york: 1

=== item_67 ===

police: 6, said: 5, two: 5, charges: 3, men: 3, one: 3, laid: 2, woman: 2, arrested: 2, package: 2

=== item_68 ===

cover: 7, often: 5, wear: 5, outfits: 5, way: 5, stage: 5, dance: 3, naked: 3, dancers: 3, clubs: 3

=== item_69 ===

de: 5, guzman: 5, michael: 3, family: 3, death: 2, geologist: 2, oil: 2, discovery: 2, thursday: 2, said: 2

=== item_70 ===

bolt: 6, ev: 6, miles: 3, charge: 3, offering: 2, consumers: 2, new: 2, offer: 2, models: 2, range: 2

=== item_71 ===

union: 7, first: 5, auto: 4, target: 4, said: 4, workers: 3, chrysler: 3, canada: 3, cwa: 3, canadian: 2

=== item_72 ===

quarter: 7, said: 6, profit: 6, second: 4, share: 3, expects: 2, gm: 2, gross: 2, automaker: 2, sales: 2

=== item_73 ===

photos: 16, fire: 9, south: 8, gunman: 8, opens: 8, church: 8, charleston: 8, carolina: 7, shooting: 2, missouri: 2

=== item_74 ===

breakfast: 5, new: 5, lunch: 4, twin: 4, cities: 4, paul: 4, kellogg: 3, food: 3, buy: 2, create: 2

=== item_75 ===

breakfast: 8, kellogg: 3, food: 3, offerings: 3, billion: 3, move: 2, broaden: 2, past: 2, quaker: 2, oats: 2

=== item_76 ===

workers: 7, deal: 4, united: 3, auto: 3, union: 3, gm: 3, ratified: 2, new: 2, labour: 2, contract: 2

=== item_77 ===

retail: 3, retailer: 3, going: 2, model: 2, choice: 2, amazon: 2, stores: 2, revenue: 2, growth: 2, using: 1

=== item_78 ===

cost: 2, know: 2, impact: 2, going: 2, store: 2, small: 2, using: 1, cuts: 1, offset: 1, flat: 1

=== item_79 ===

gm: 7, chrysler: 6, would: 4, shares: 3, bankruptcy: 3, rescue: 2, financial: 2, percent: 2, surprised: 2, go: 2

=== item_80 ===

said: 3, parts: 3, talks: 2, company: 2, military: 2, journal: 2, contract: 2, exploring: 2, aerospace: 1, giant: 1

=== item_81 ===

mobile: 5, itu: 5, market: 5, sales: 4, phone: 4, said: 4, forecast: 3, global: 3, expected: 3, latest: 2

=== item_82 ===

aircraft: 6, saudi: 5, yemen: 5, coalition: 4, hit: 3, source: 3, group: 2, arabia: 2, crossed: 2, border: 2

=== item_83 ===

said: 4, company: 4, purchase: 3, brown: 3, close: 3, factory: 2, could: 2, significant: 2, impact: 2, plant: 2

=== item_84 ===

yen: 8, profit: 6, billion: 4, percent: 4, net: 4, company: 4, year: 3, hanson: 2, reported: 2, increase: 2

=== item_85 ===

business: 3, hanson: 2, billion: 2, company: 2, share: 2, price: 2, july: 2, conglomerate: 1, plc: 1, reported: 1

=== item_86 ===

bombing: 6, syria: 5, syrian: 5, government: 5, united: 4, states: 4, britain: 3, today: 2, end: 2, campaign: 2

=== item_87 ===

aleppo: 7, united: 3, nations: 3, russia: 3, said: 3, british: 2, government: 2, friday: 2, situation: 2, humanitarian: 2

=== item_88 ===

swedish: 7, government: 6, said: 5, court: 4, decision: 4, would: 3, legal: 3, british: 2, european: 2, justice: 2

=== item_89 ===

ban: 5, eu: 4, british: 3, european: 3, commission: 3, travel: 3, said: 3, government: 2, could: 2, people: 2

=== item_90 ===

company: 9, lower: 7, flat: 6, revenues: 6, expects: 5, full: 5, year: 5, second: 4, quarter: 3, operating: 3

=== item_91 ===

vlsi: 4, stock: 3, russia: 3, lukoil: 3, company: 3, investors: 3, technology: 2, friday: 2, closing: 2, giant: 2

=== item_92 ===

president: 6, know: 5, think: 4, statement: 4, bold: 4, position: 3, paragraph: 2, torture: 2, administration: 2, first: 2

=== item_93 ===

percent: 6, shares: 4, trading: 4, company: 3, extended: 3, expected: 3, first: 2, said: 2, stock: 2, letter: 2

=== item_94 ===

said: 2, china: 2, india: 2, computer: 1, associates: 1, international: 1, inc: 1, tuesday: 1, north: 1, america: 1

=== item_95 ===

game: 5, decision: 3, frozen: 3, computer: 2, associates: 2, international: 2, company: 2, said: 2, suspend: 2, sale: 2

=== item_96 ===

core: 4, business: 4, said: 3, broadband: 3, continued: 2, networks: 2, industry: 2, echostar: 2, stock: 2, percent: 2

=== item_97 ===

said: 5, cascade: 4, company: 4, cut: 4, communications: 3, jobs: 3, corp: 2, statement: 2, percent: 2, workforce: 2

=== item_98 ===

said: 4, percent: 4, company: 3, software: 3, san: 2, rose: 2, year: 2, number: 2, billion: 2, imaging: 2

=== item_99 ===

company: 3, amazon: 3, stock: 3, selling: 2, pressure: 2, monday: 2, online: 2, companies: 2, facing: 2, investors: 2

Stylistic Analysis

Total unique words: 3080

Total word count: 17769

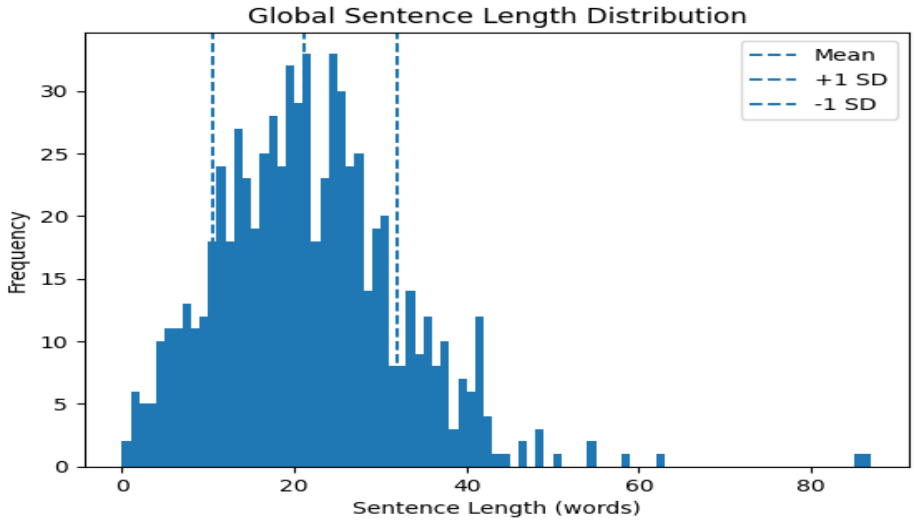
Type Token Ratio (TTR): 17.33%

Total stop-words count: 6774

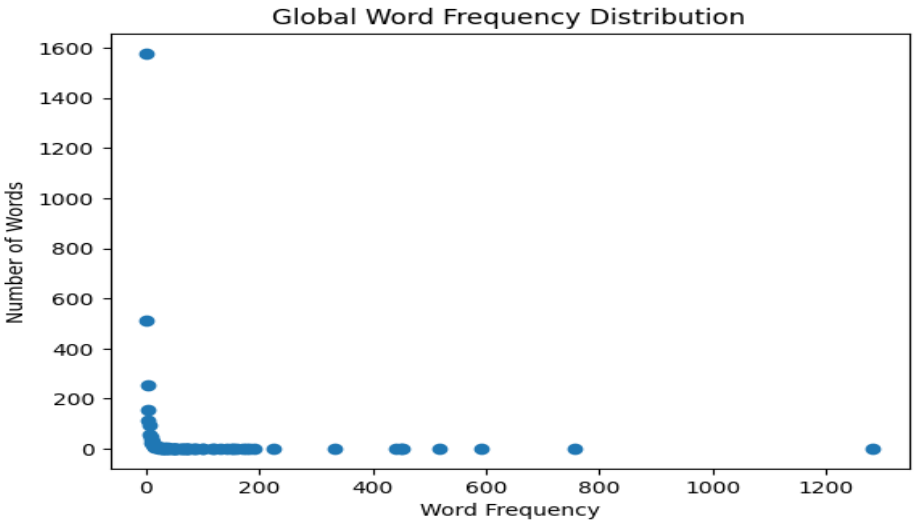
Most common Parts of Speech n-grams:

1. ('DT', 'NN'), 1146
2. ('NN', 'IN'), 939
3. ('JJ', 'NN'), 819
4. ('IN', 'DT'), 789
5. ('NN', 'NN'), 647
6. ('DT', 'JJ'), 537
7. ('NN', ','), 498
8. ('IN', 'NN'), 448
9. ('TO', 'VB'), 359
10. ('NN', '.'), 355
11. ('NN', 'VBD'), 259
12. ('.', 'DT'), 232
13. ('JJ', 'NNS'), 221
14. ('NN', 'VBZ'), 217
15. ('NNS', 'IN'), 208

global_sentence_length_distribution.png



global_word_freq_distribution.png



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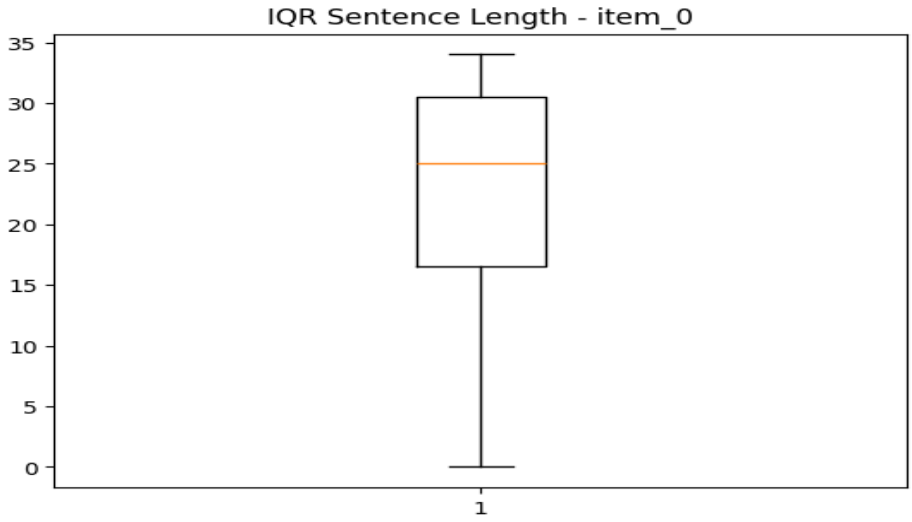

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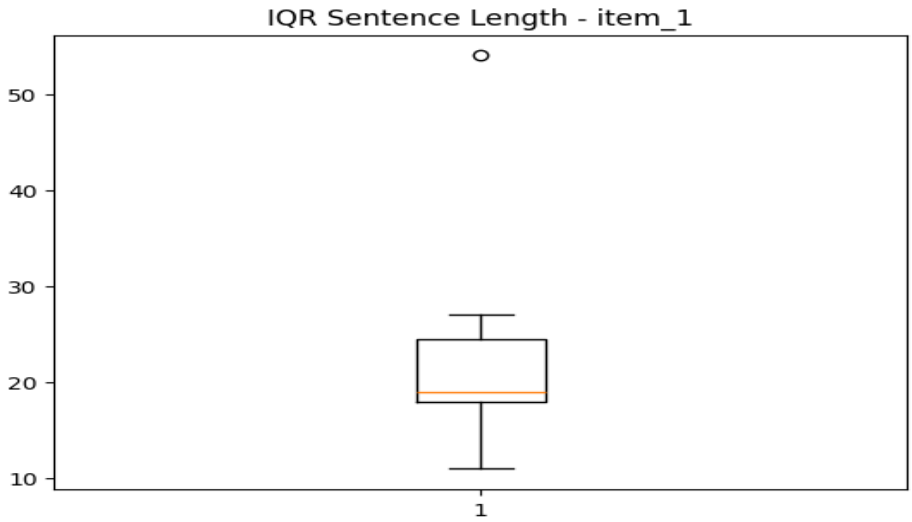

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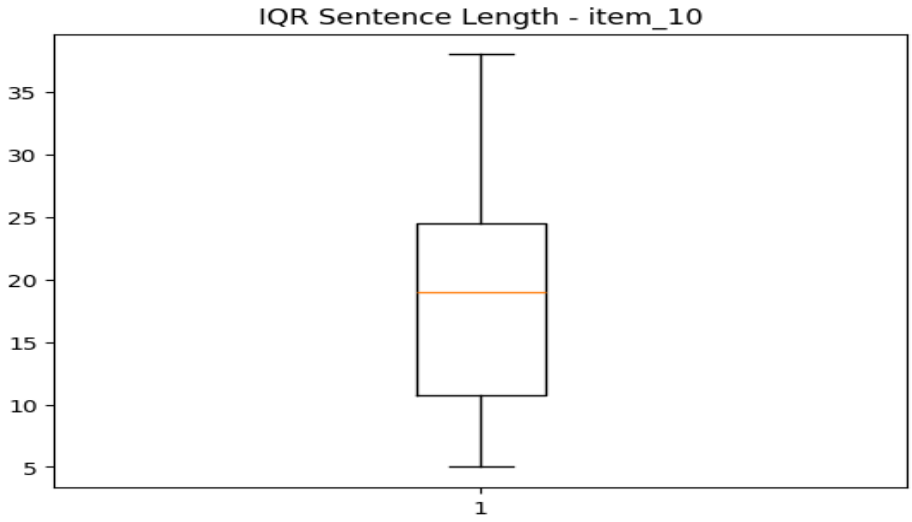

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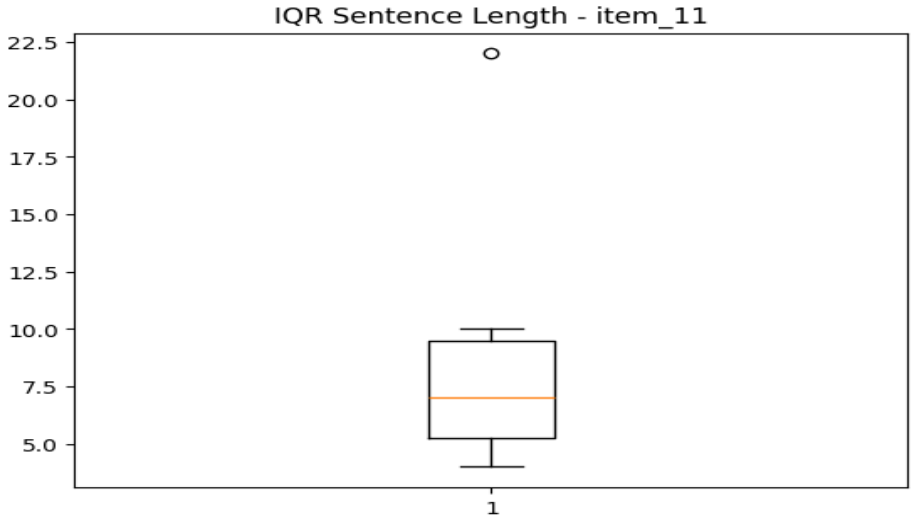

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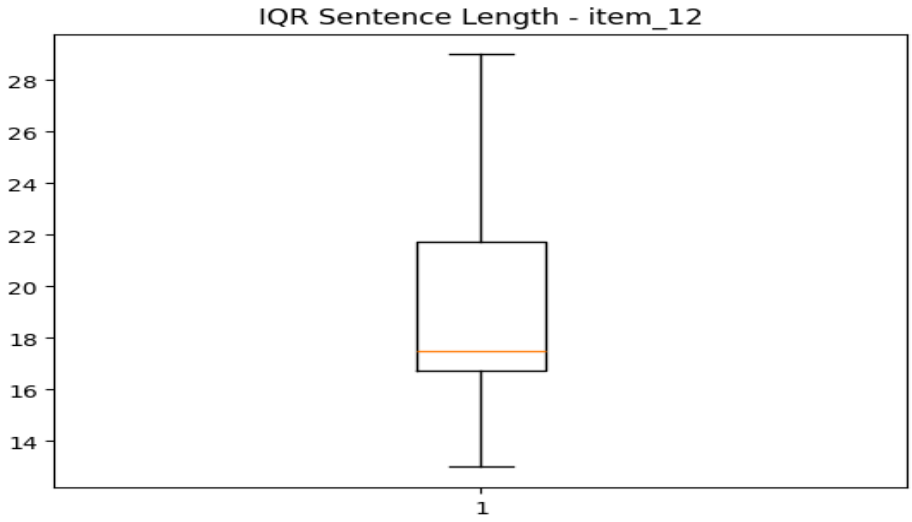

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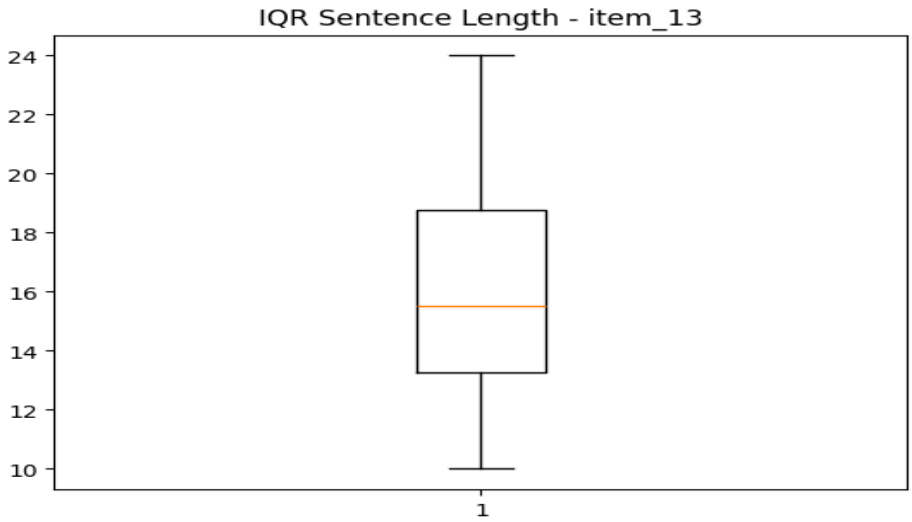

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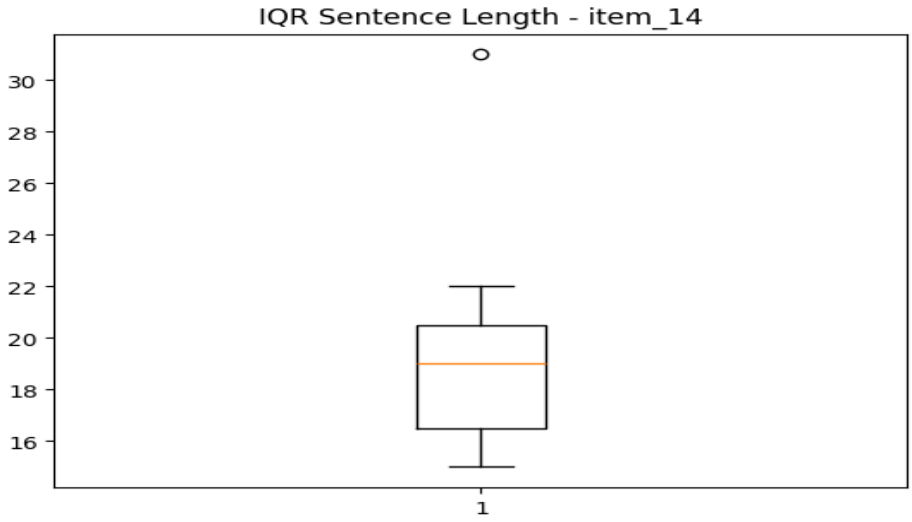

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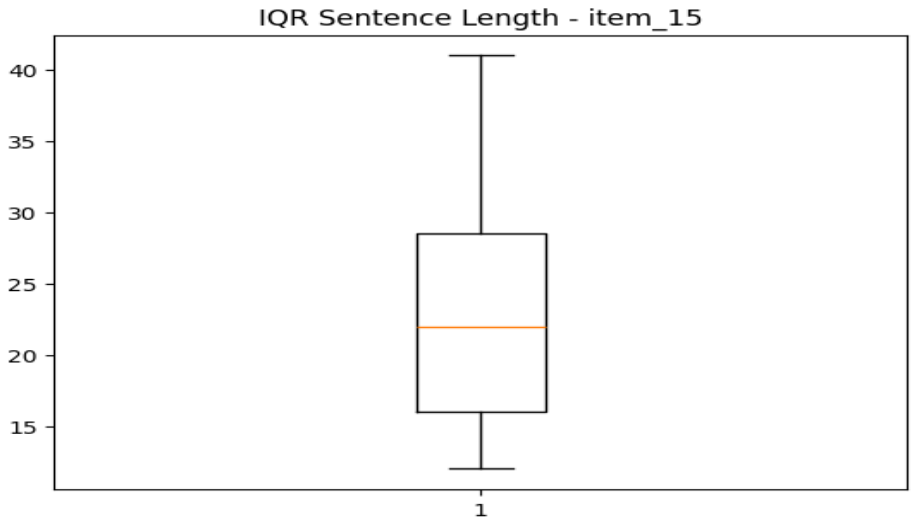

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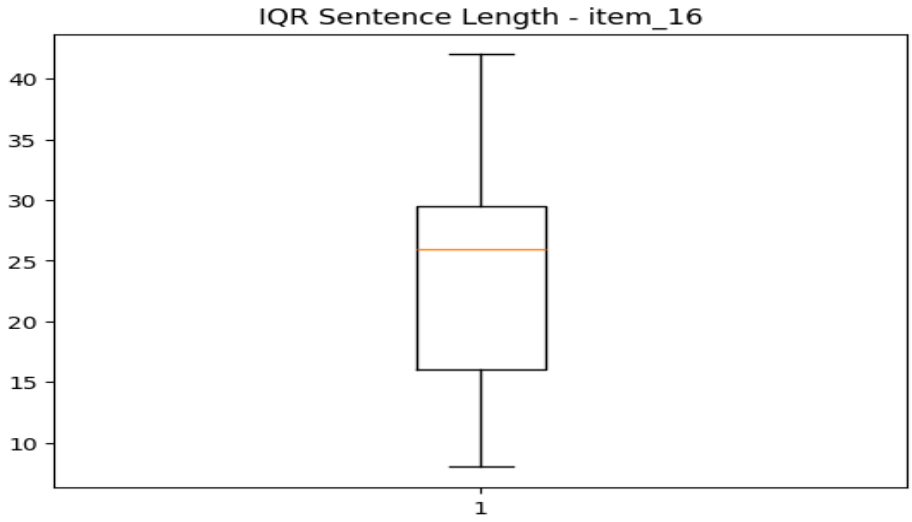

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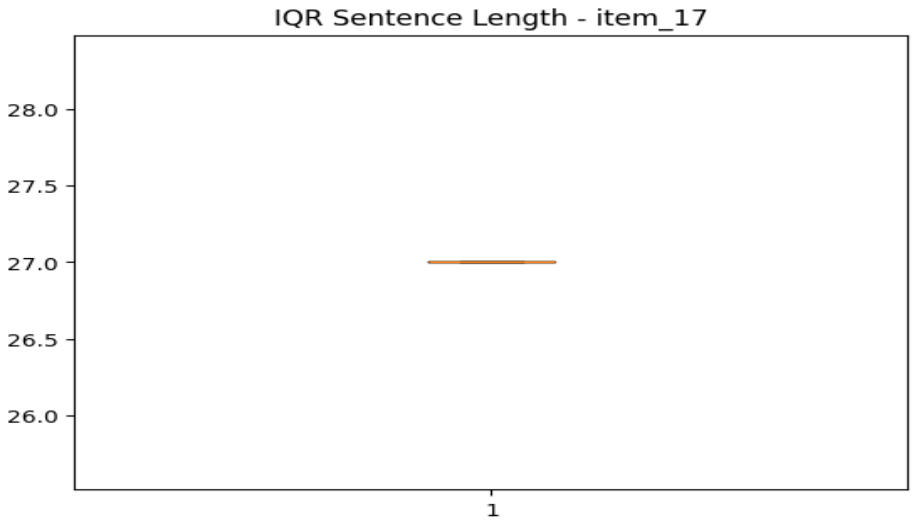

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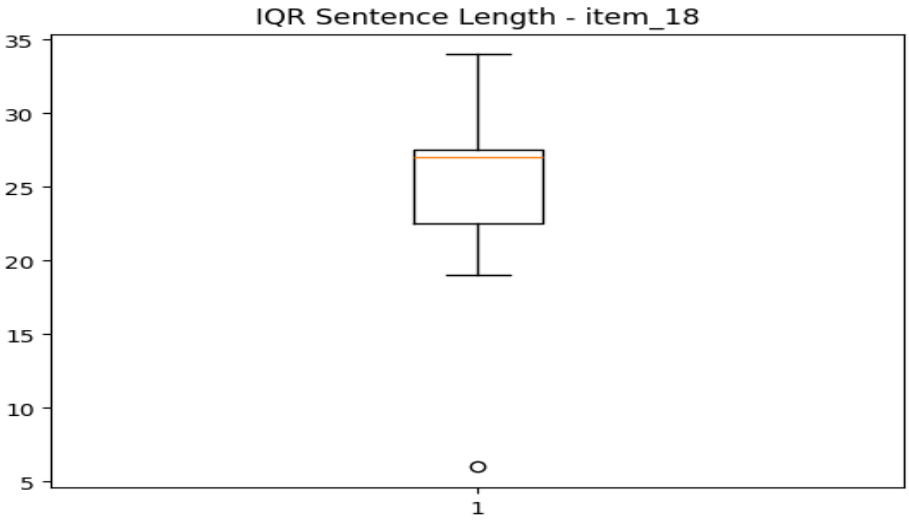

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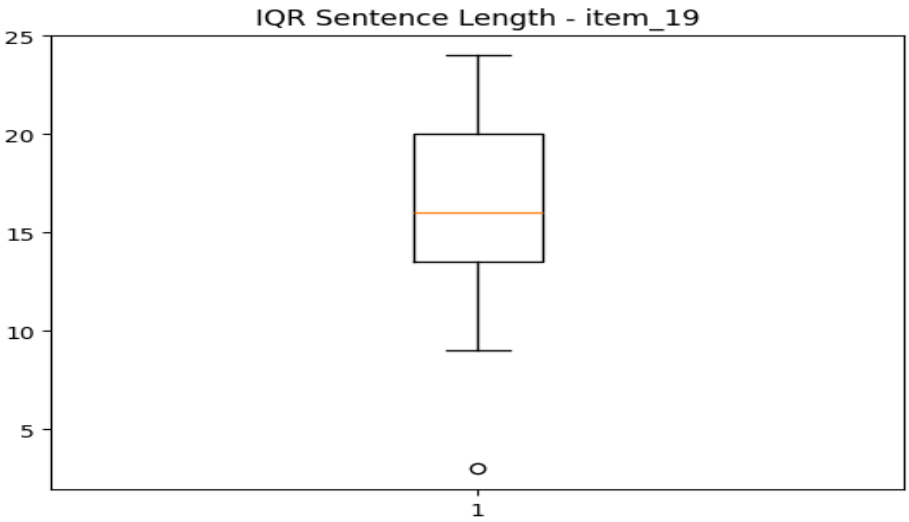

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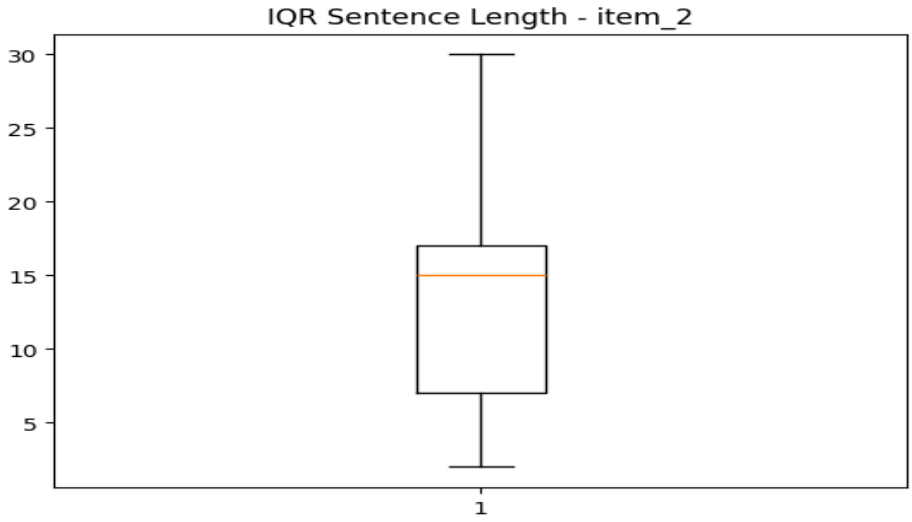

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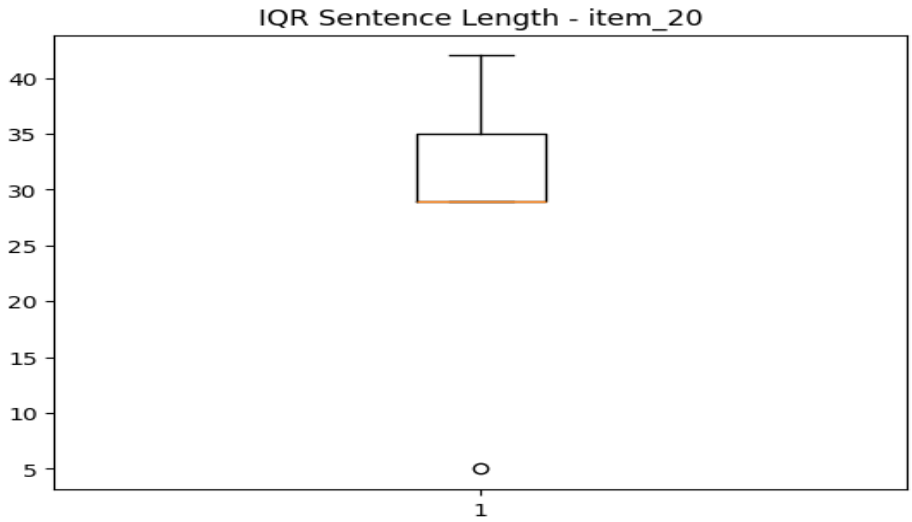

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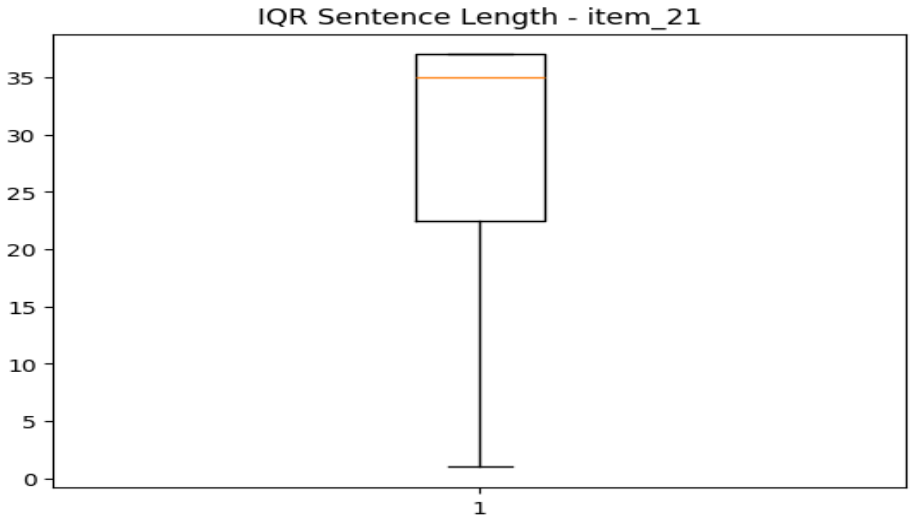

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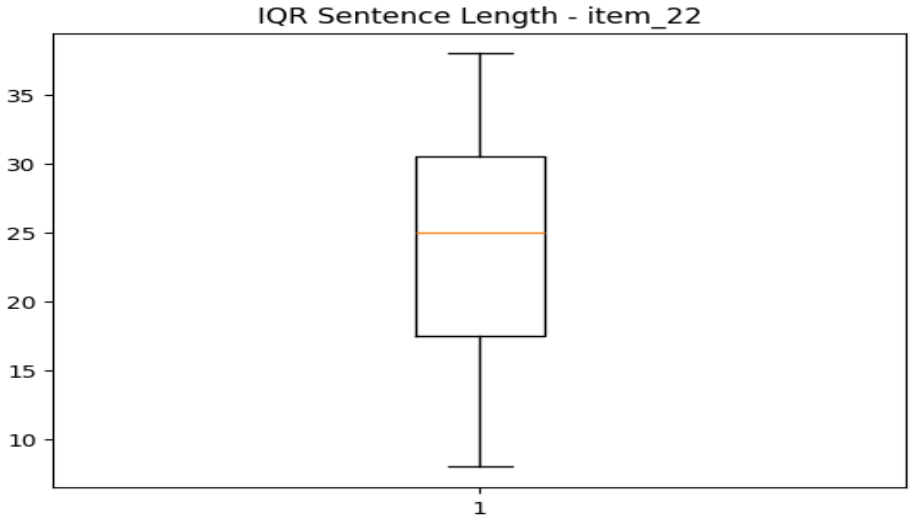

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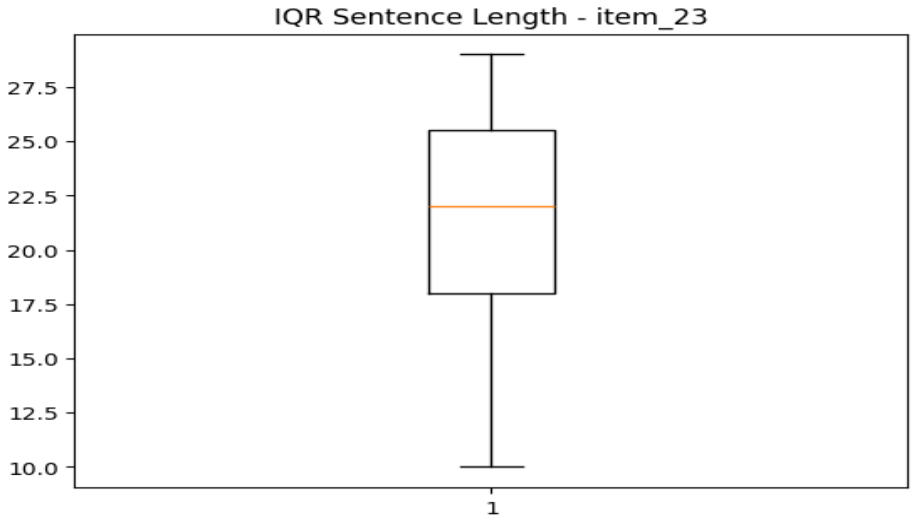

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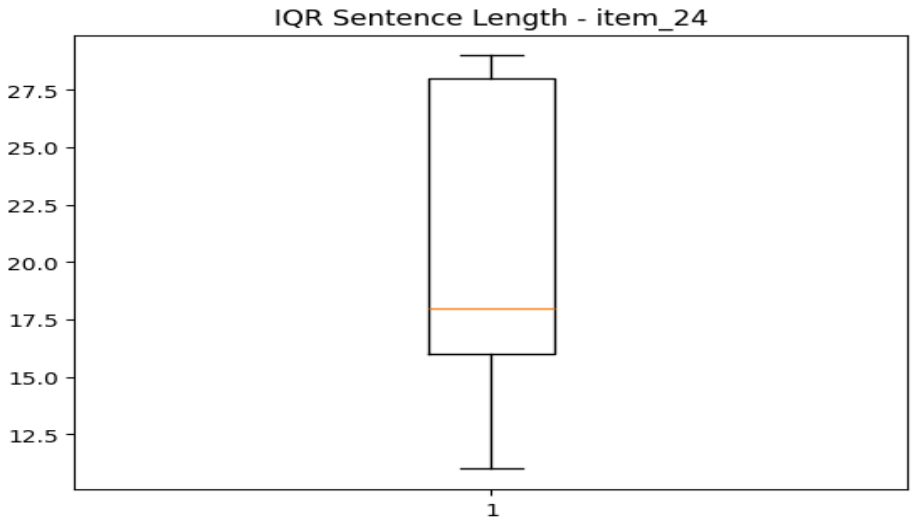

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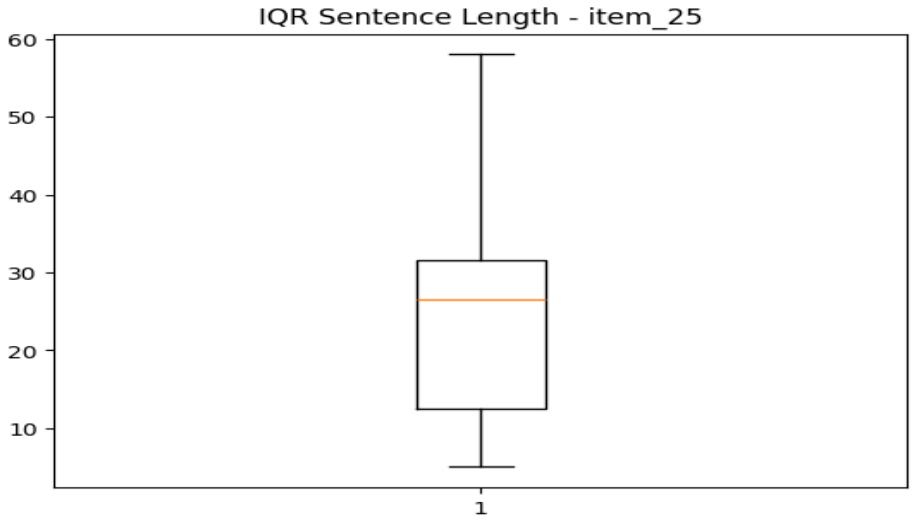

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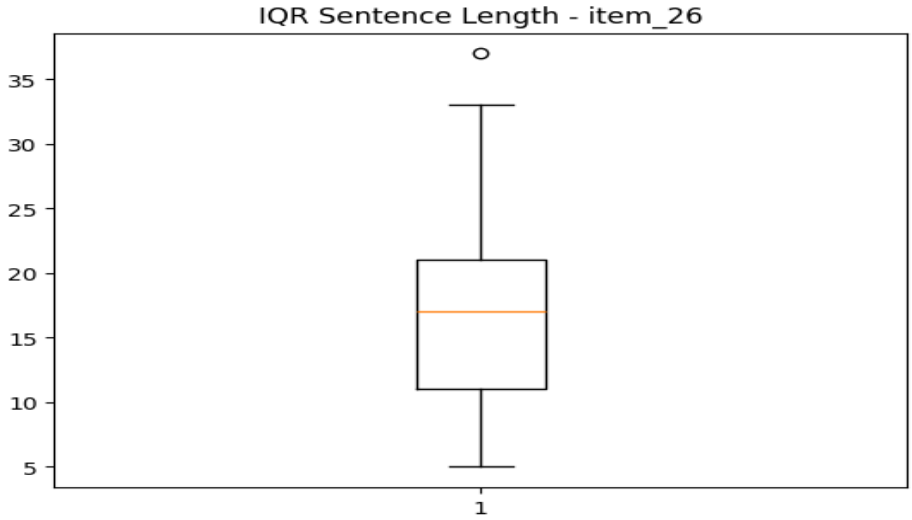

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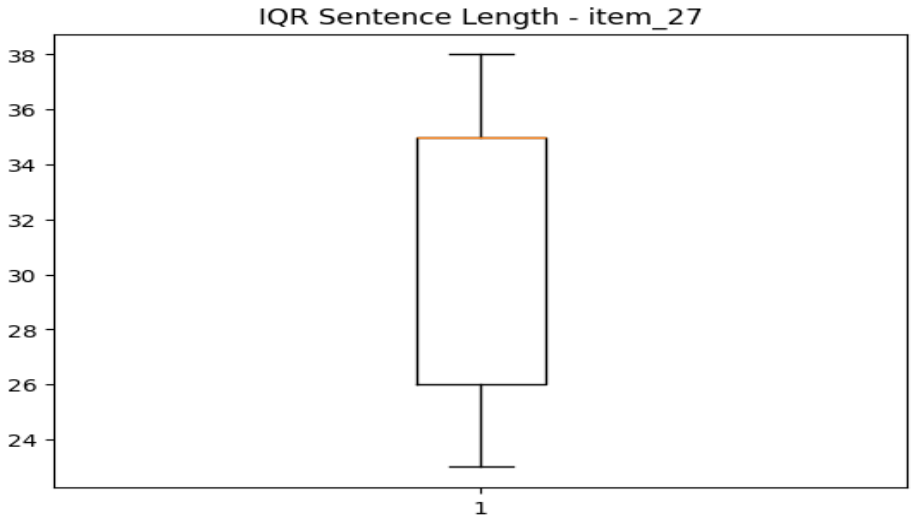

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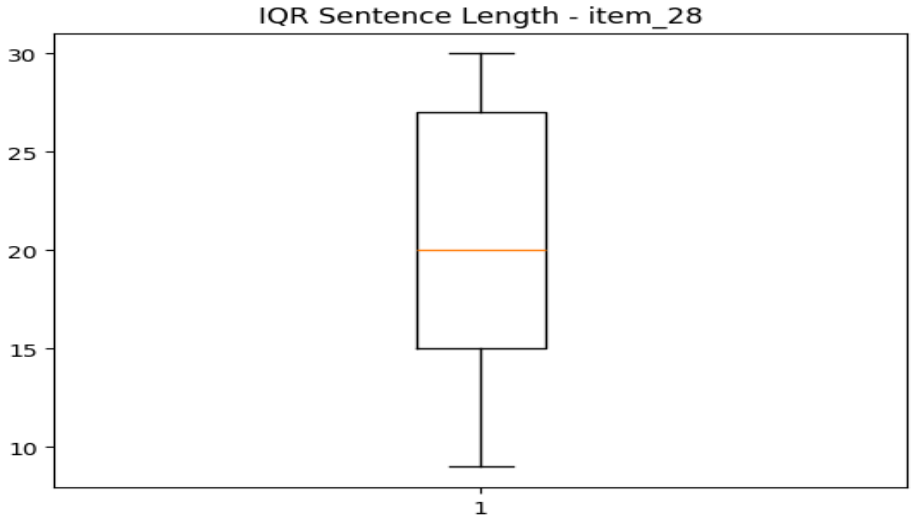

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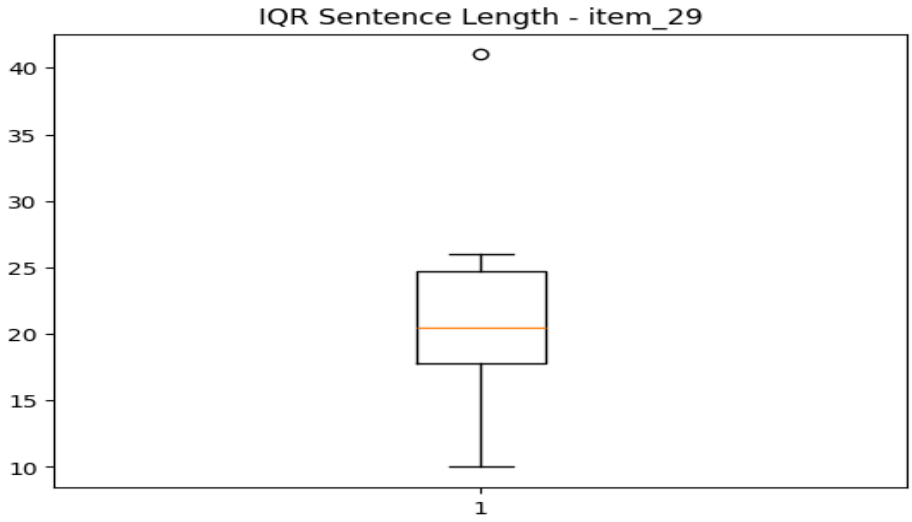

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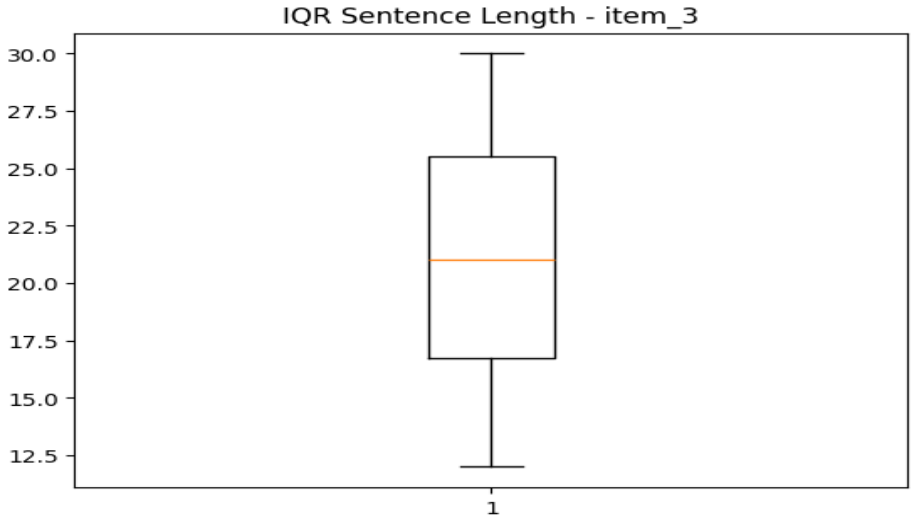

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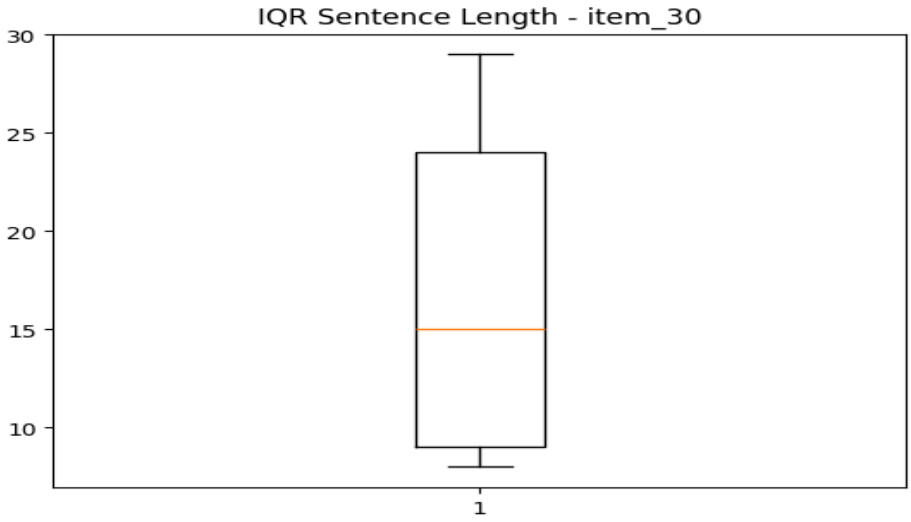

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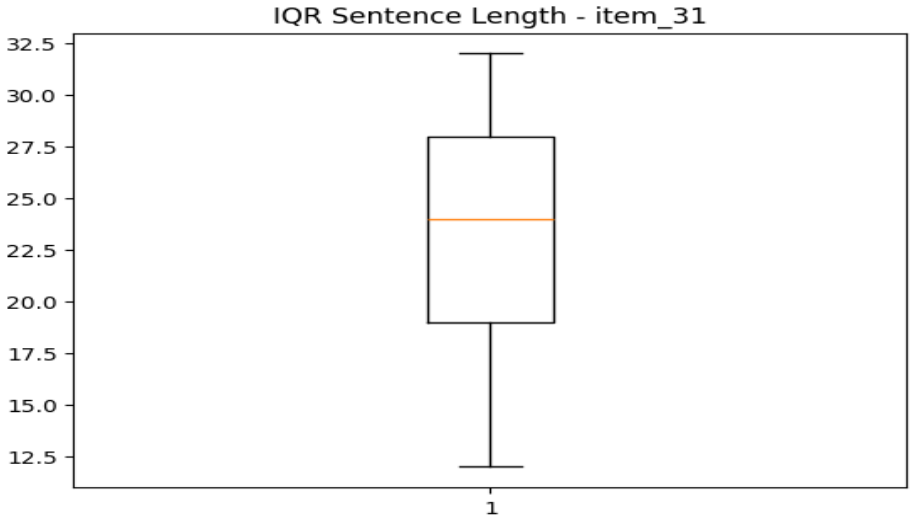

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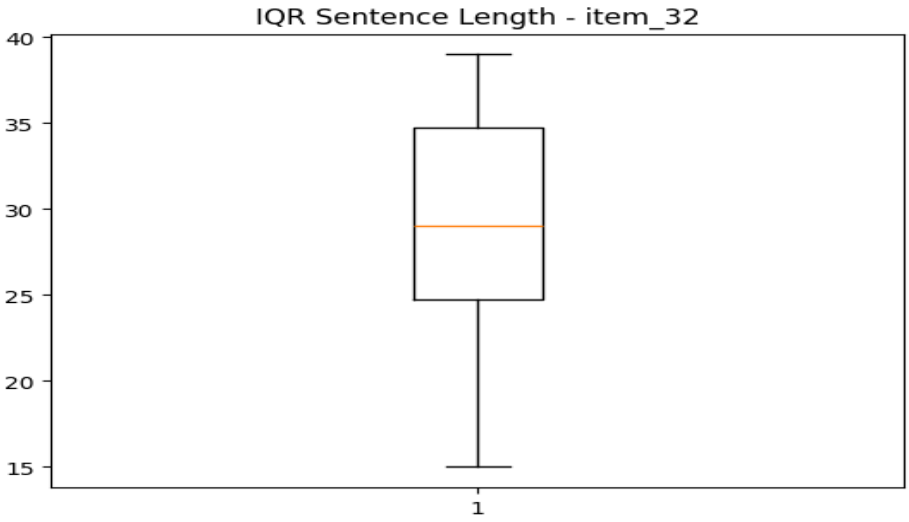

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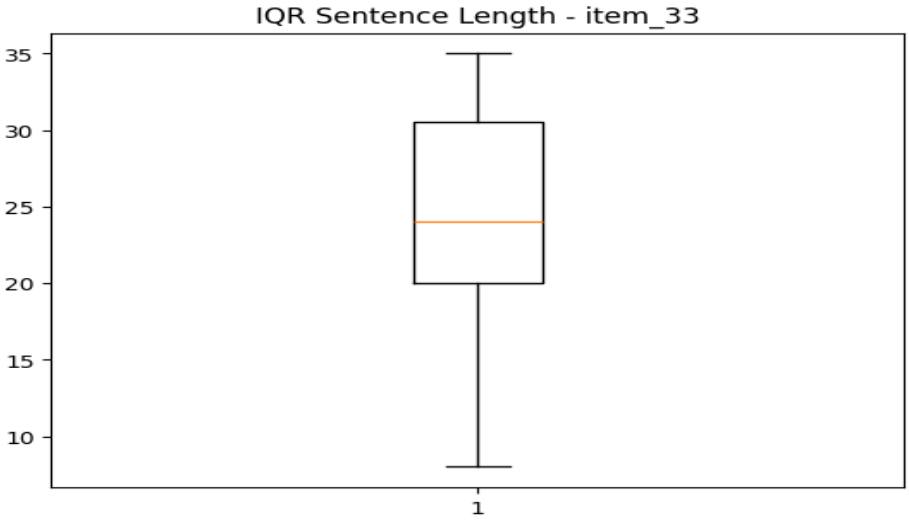

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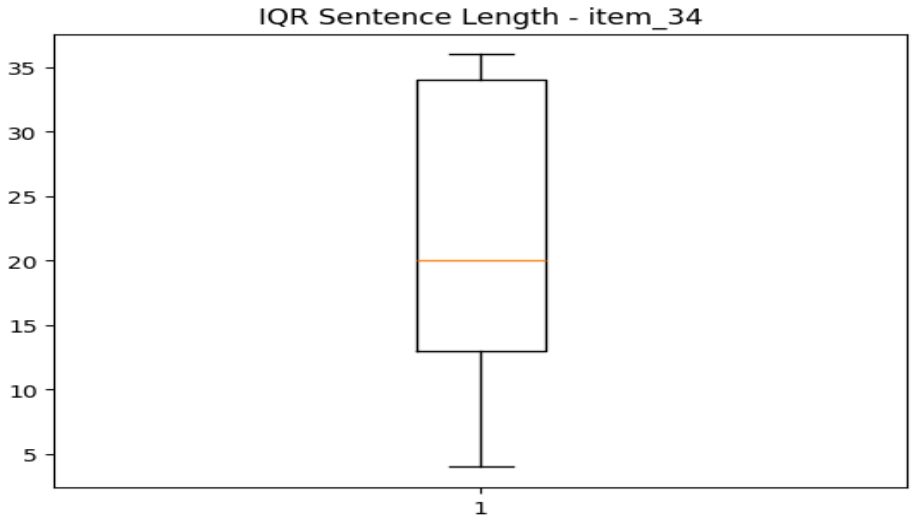

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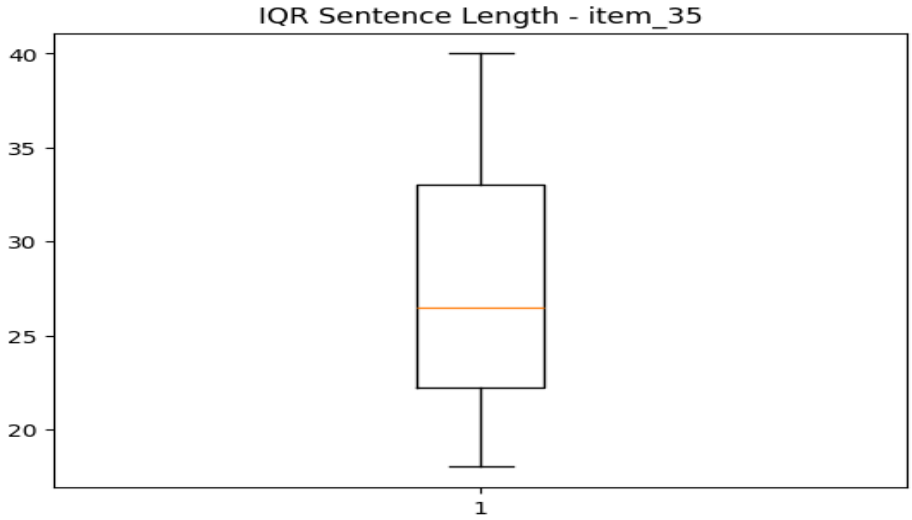

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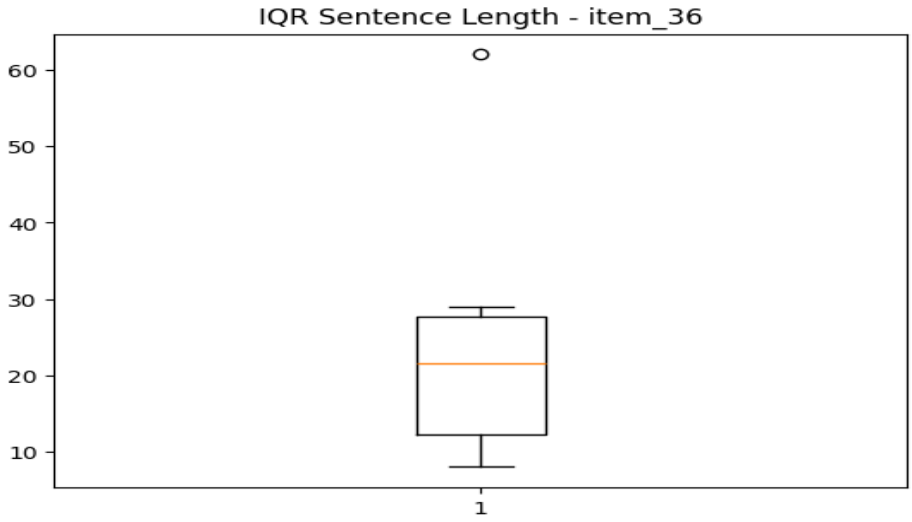

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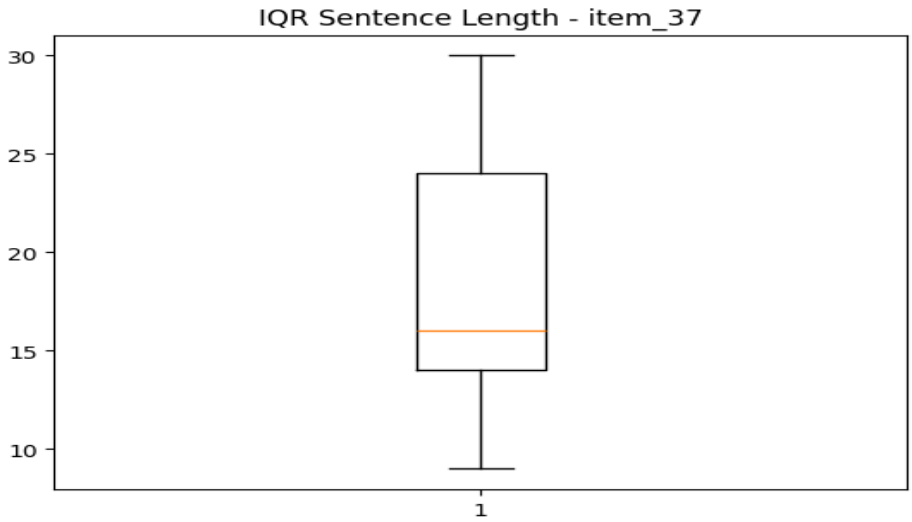

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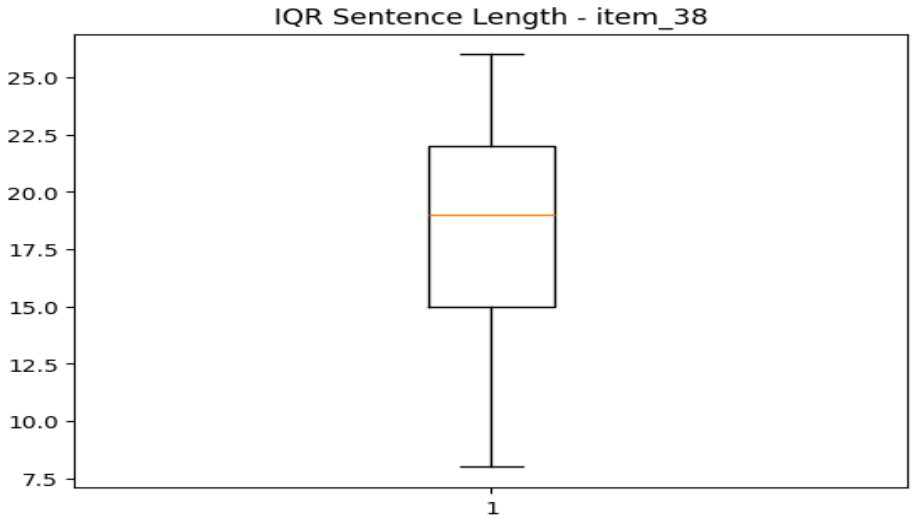

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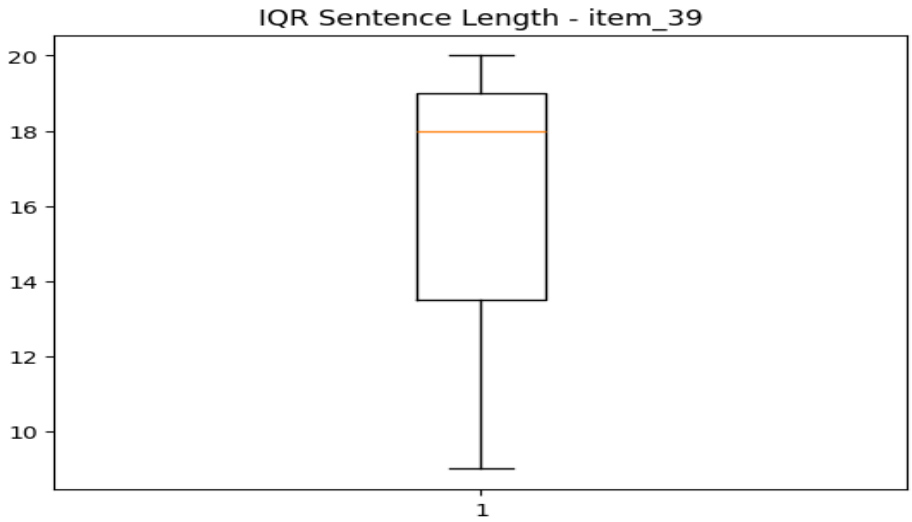

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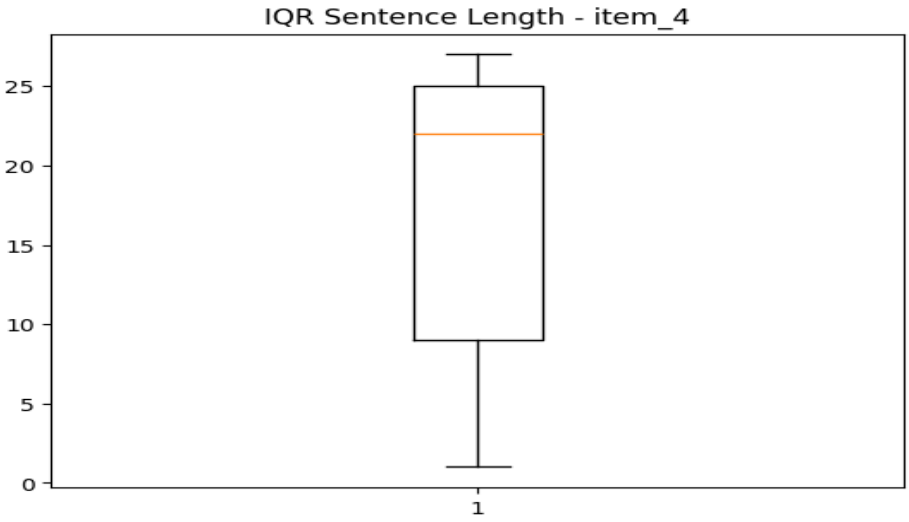

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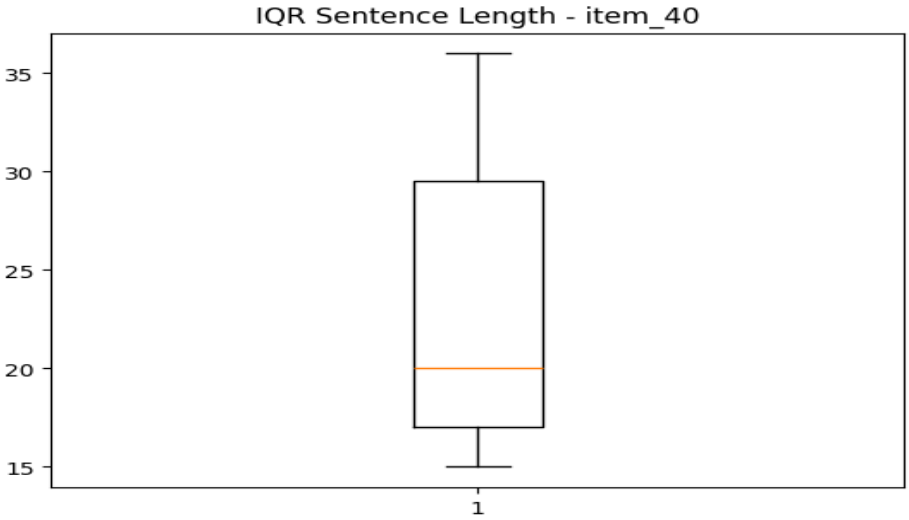

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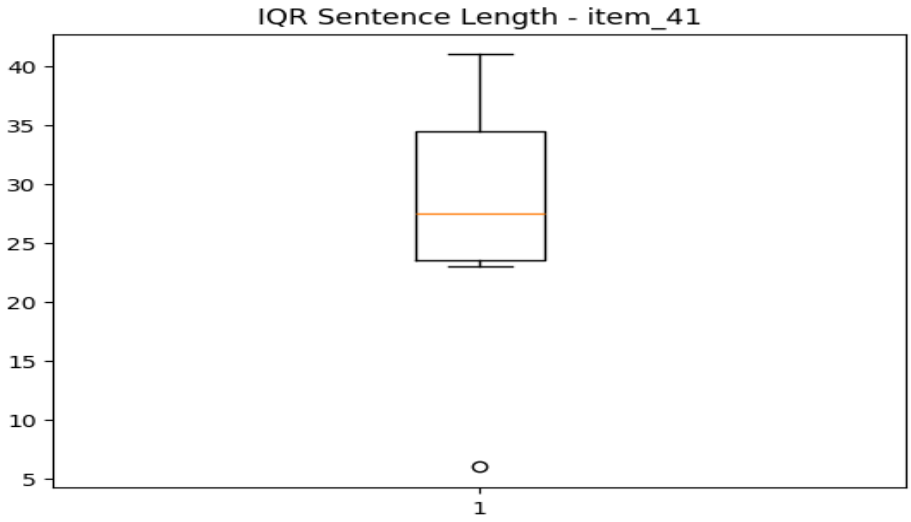

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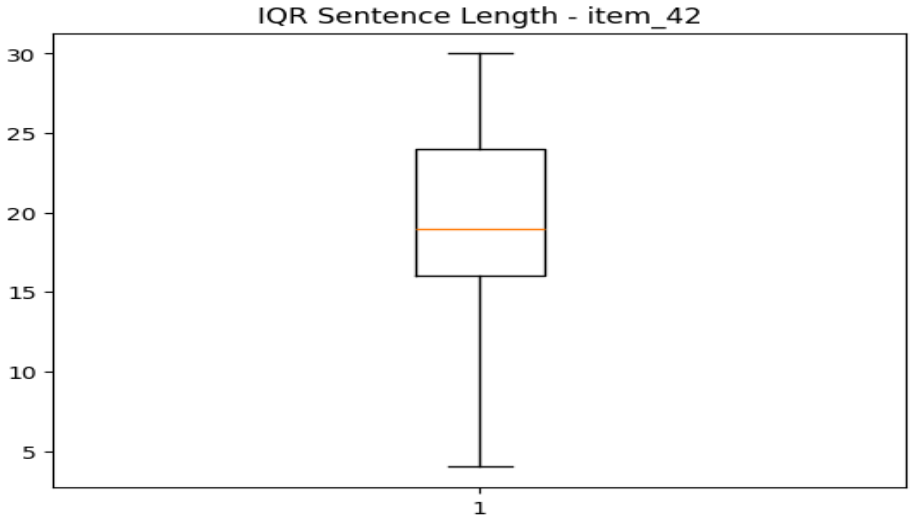

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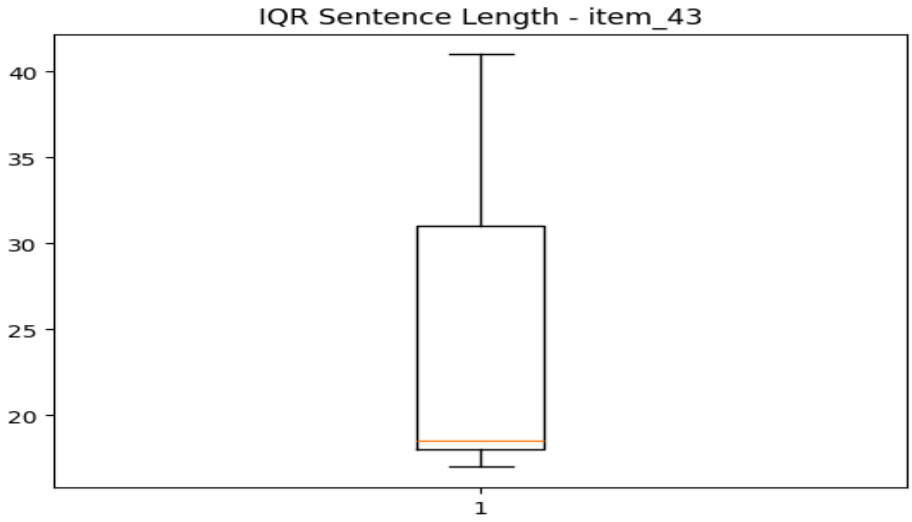

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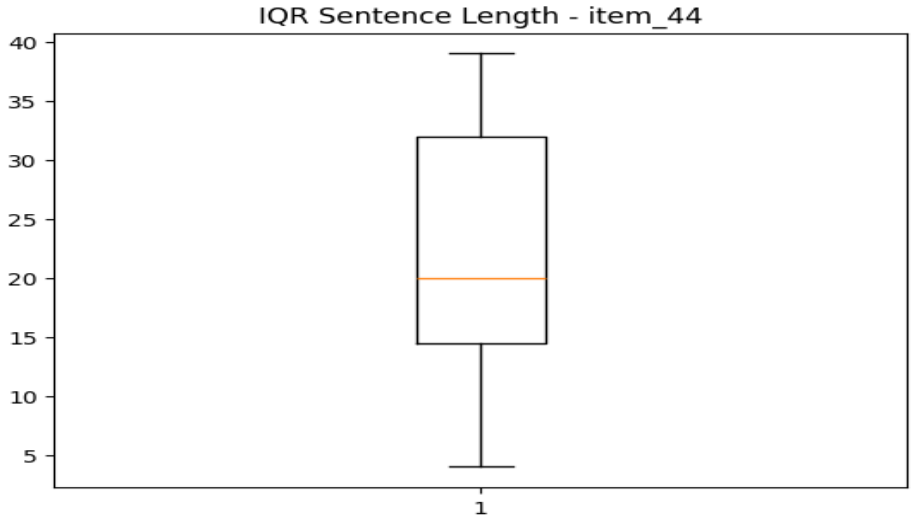

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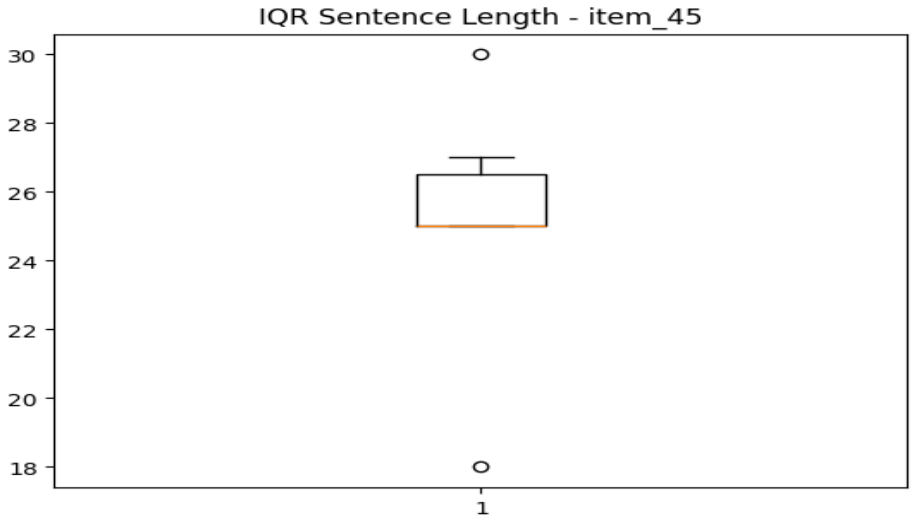

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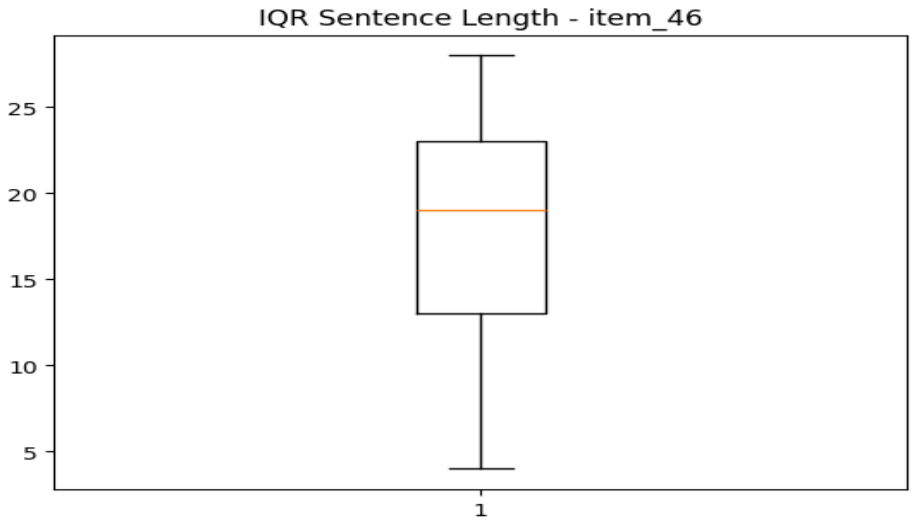

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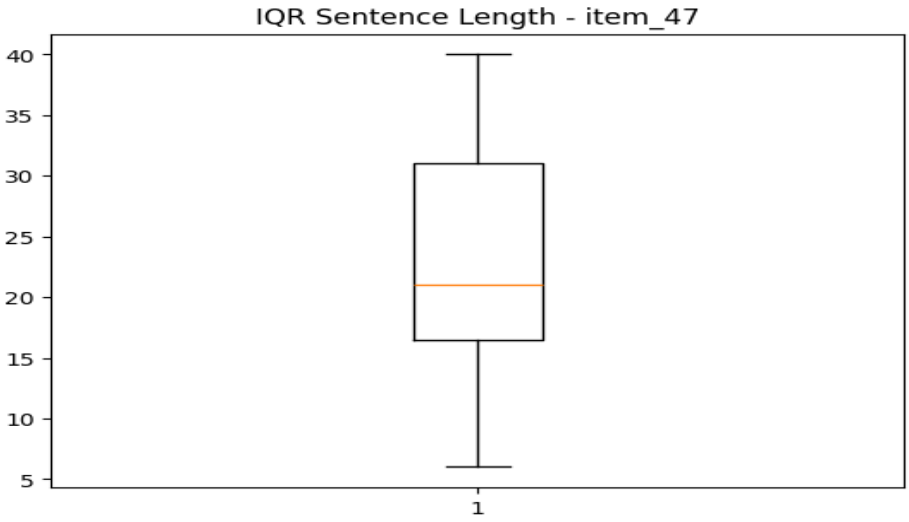

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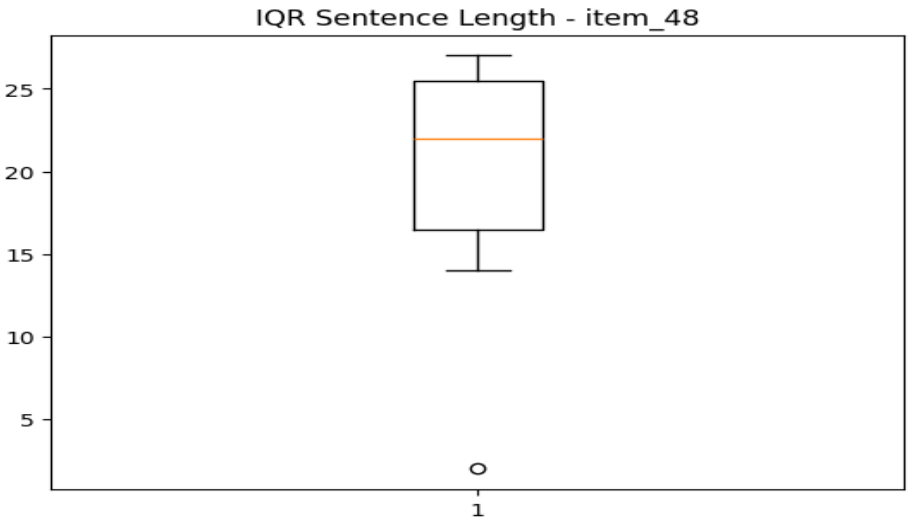

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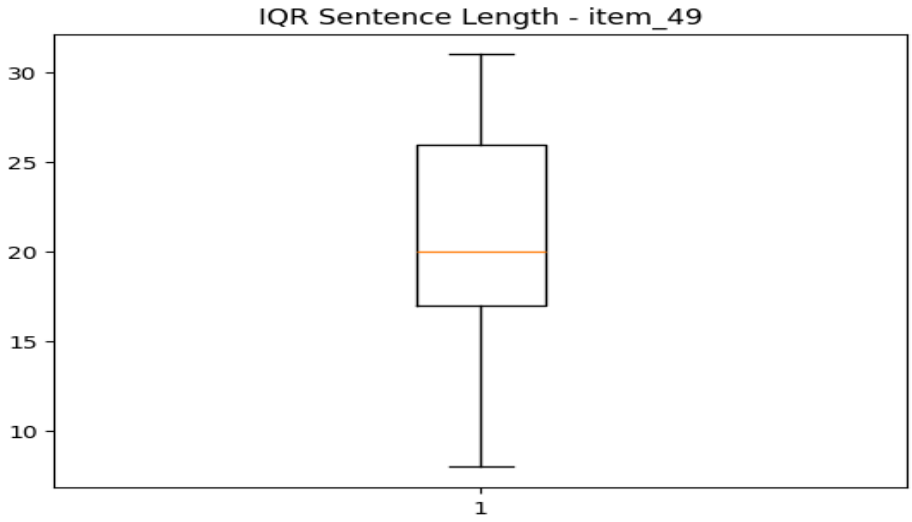

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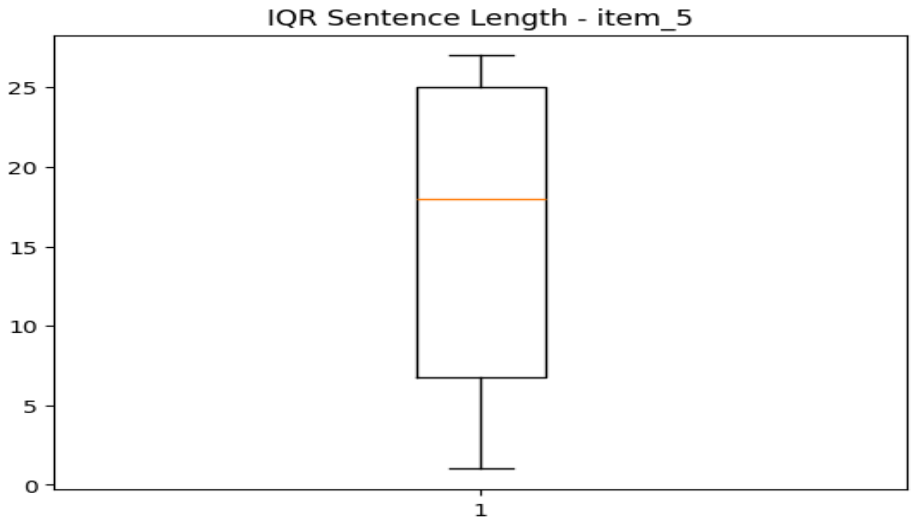

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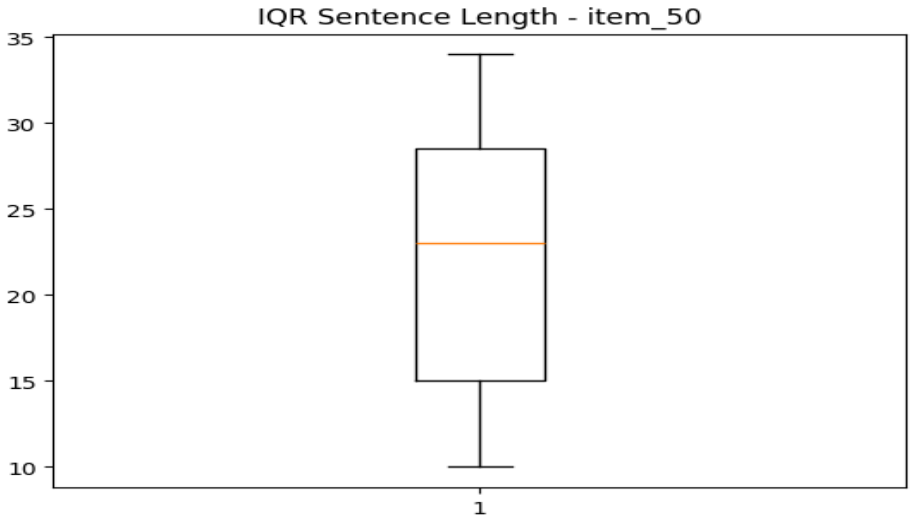

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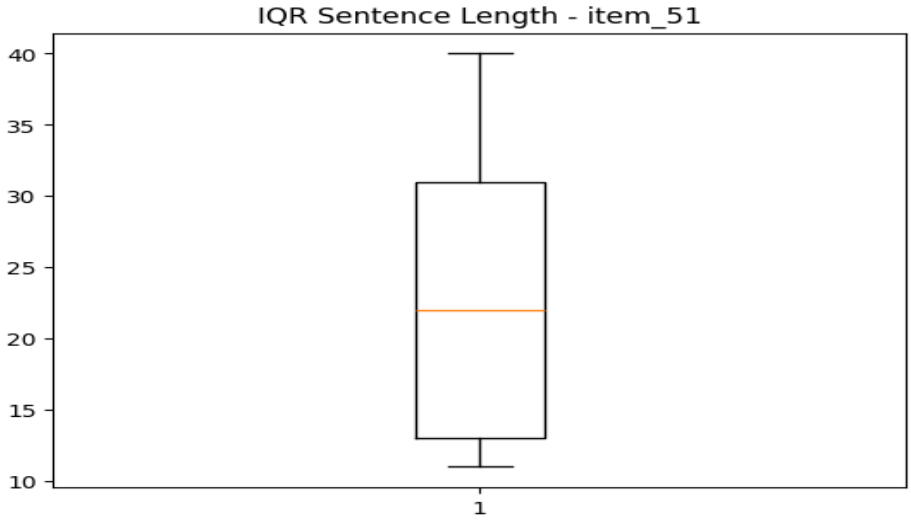

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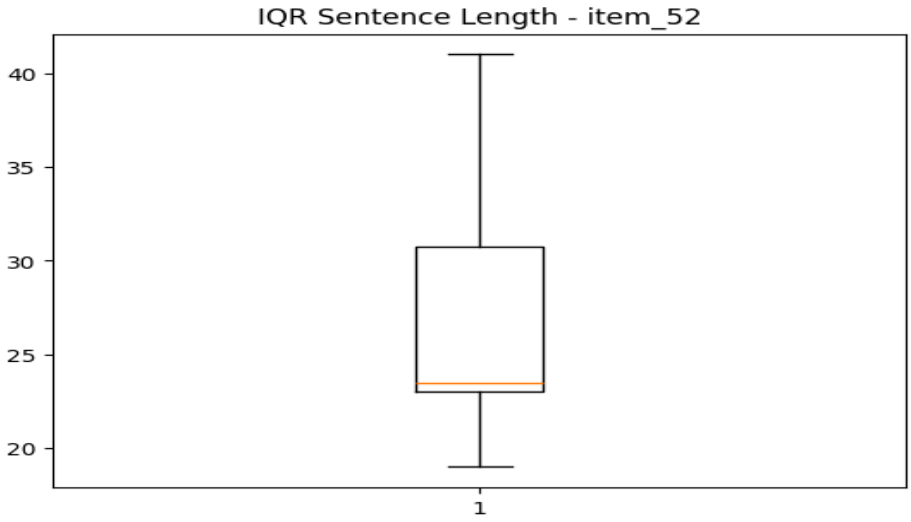

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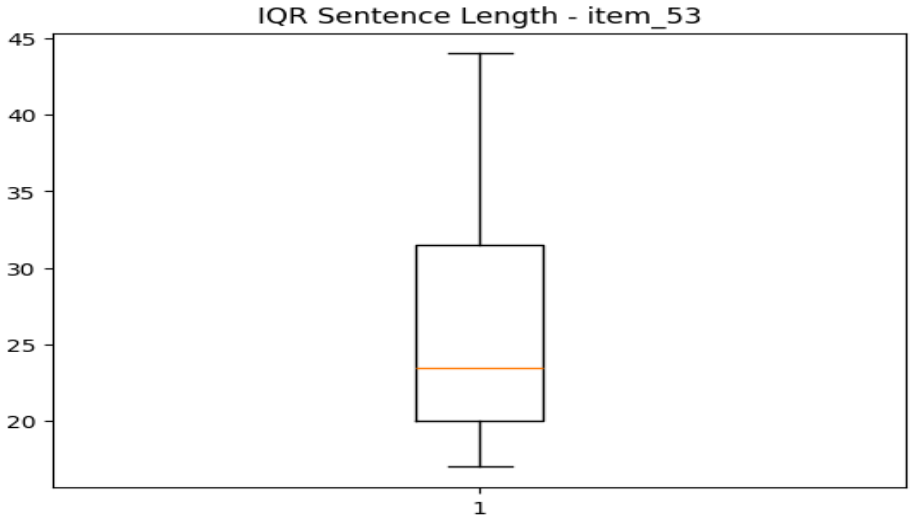

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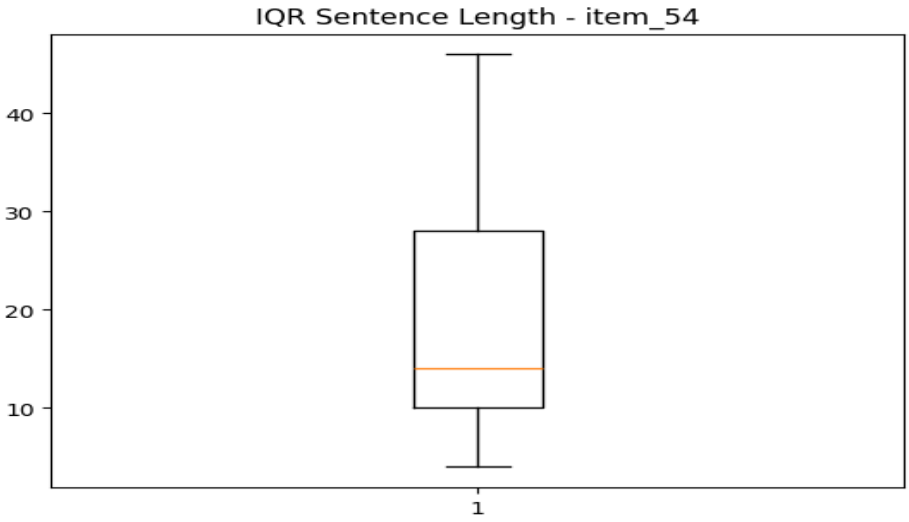

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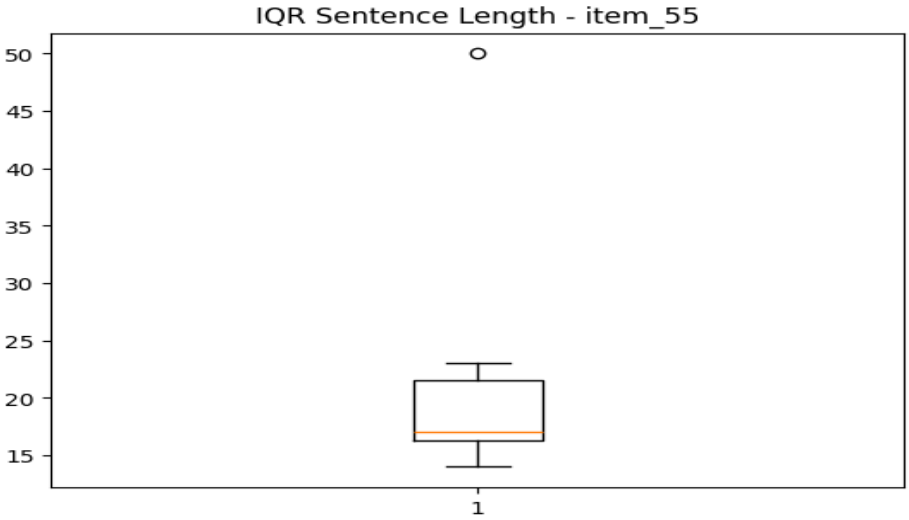

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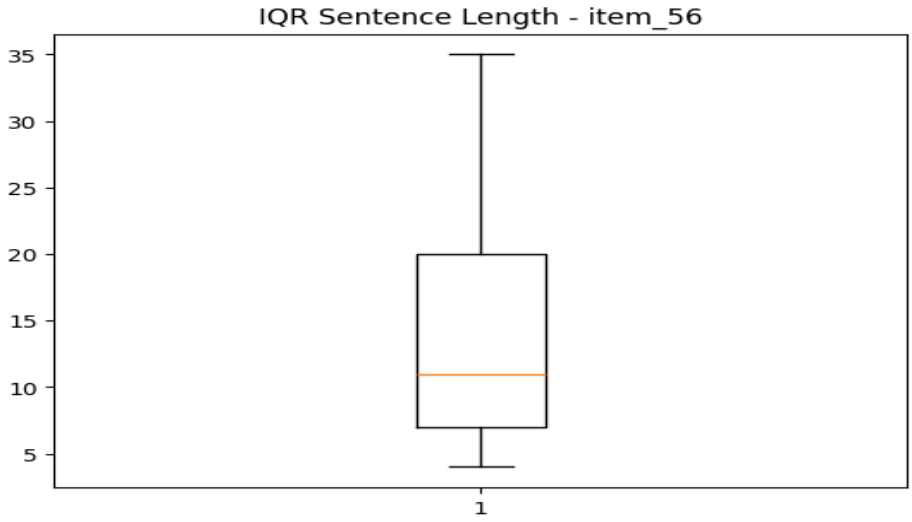

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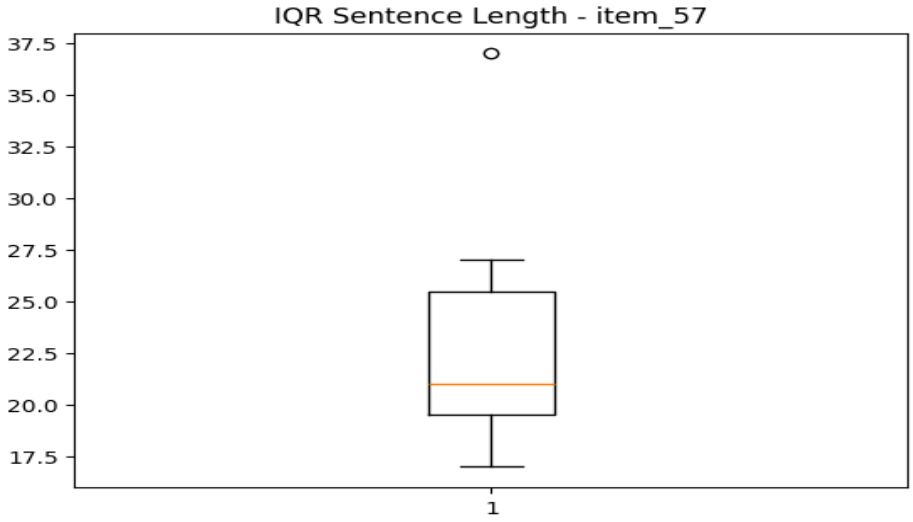

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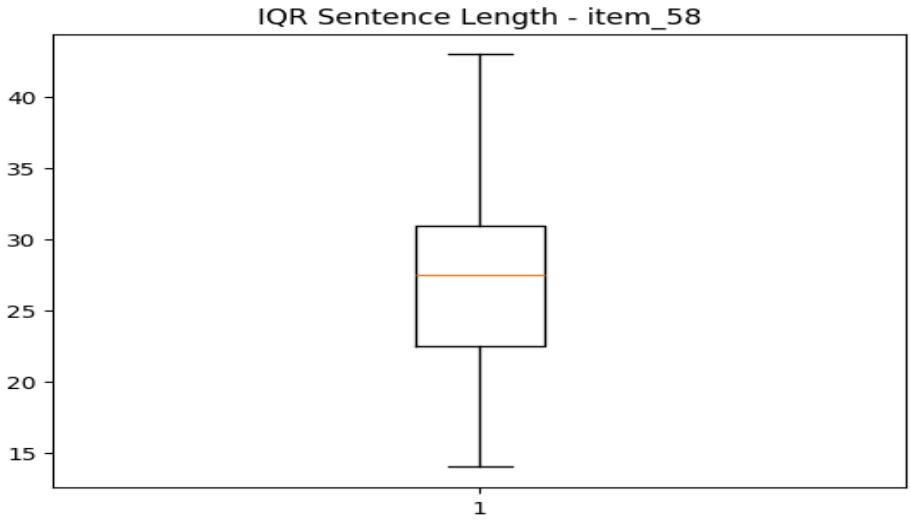

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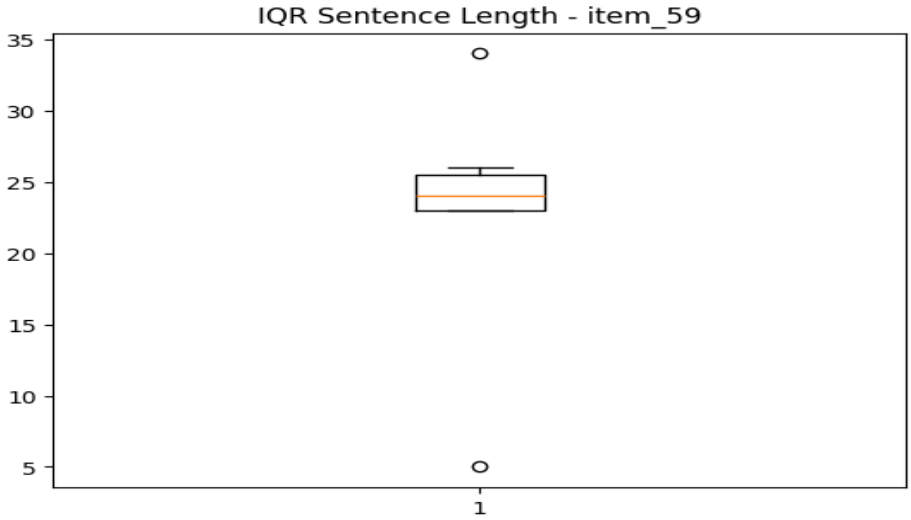

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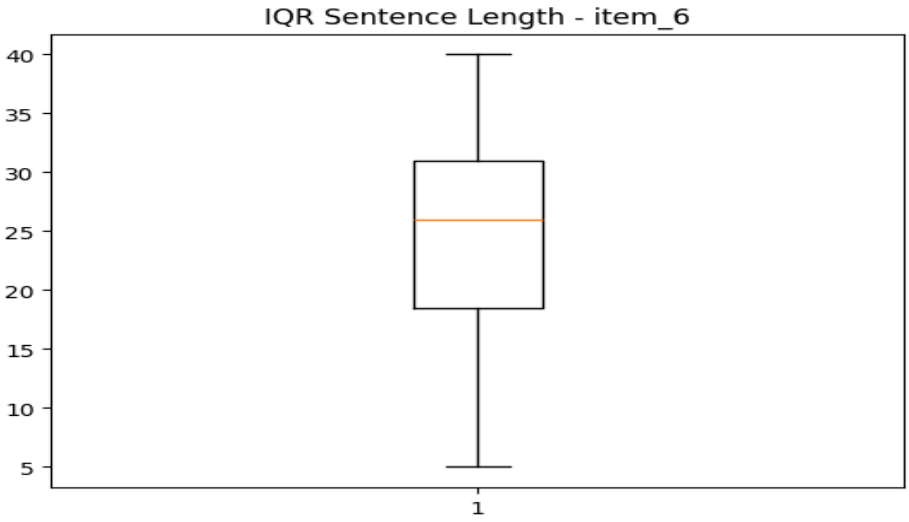

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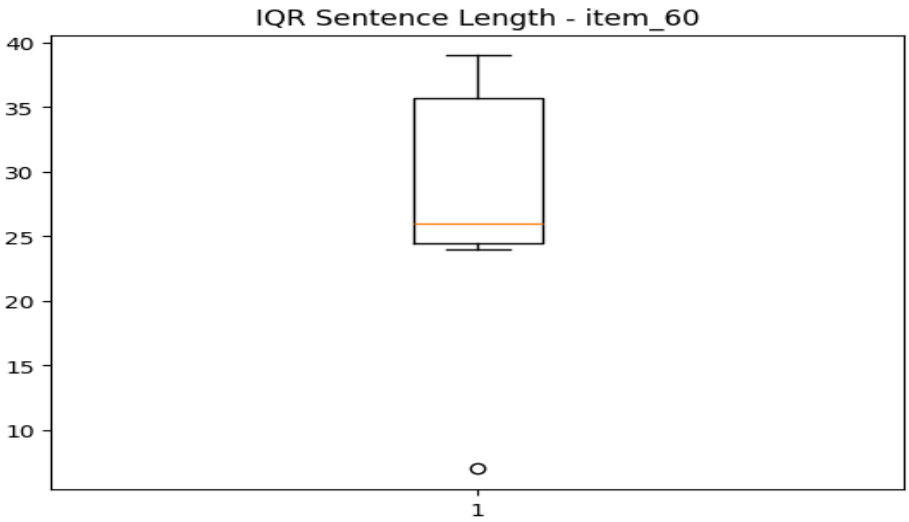

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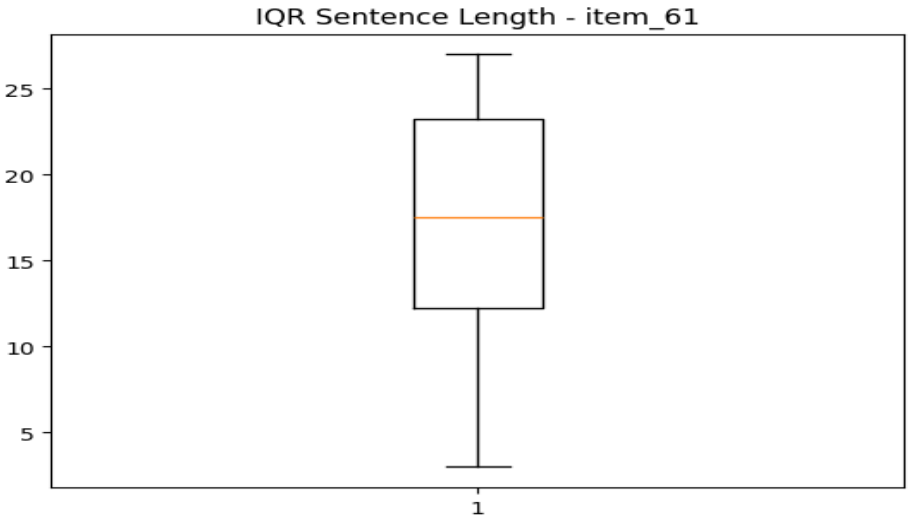

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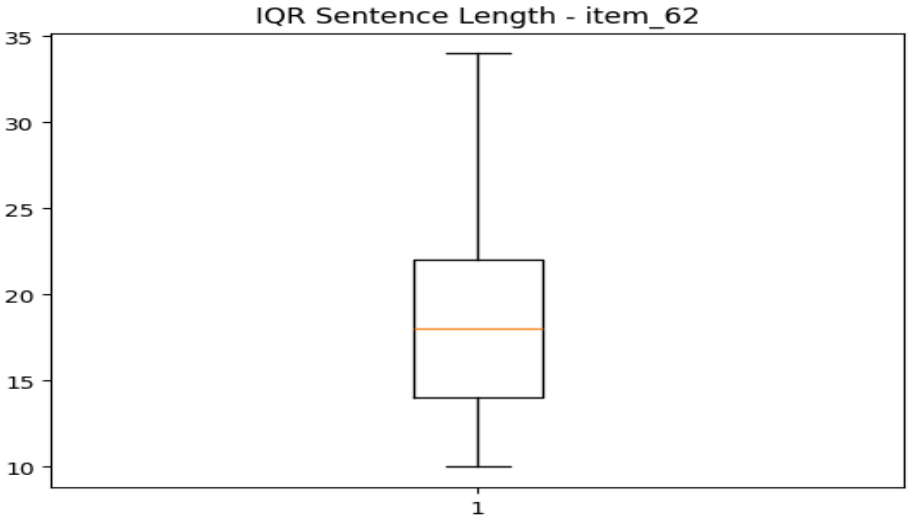

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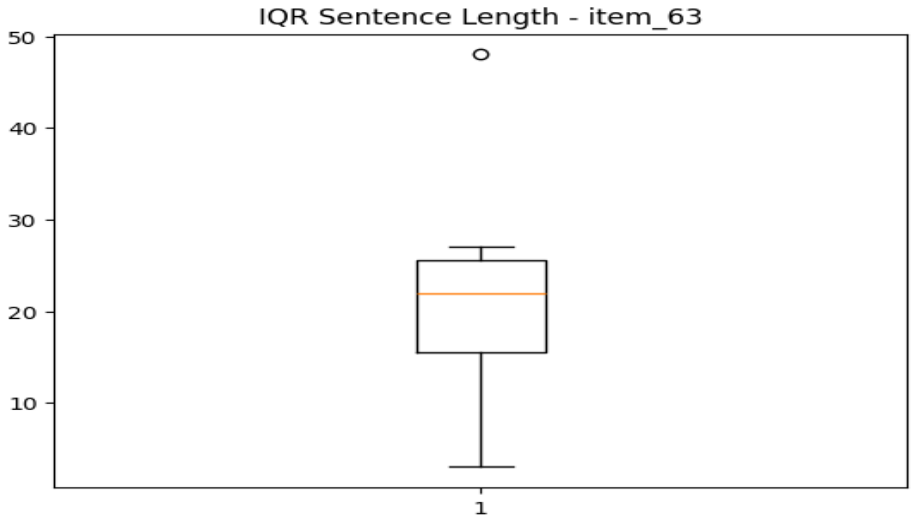

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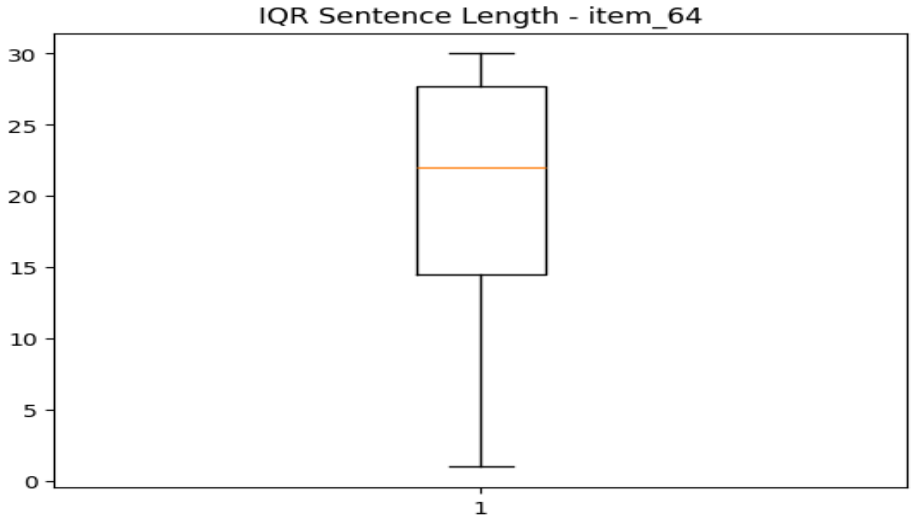

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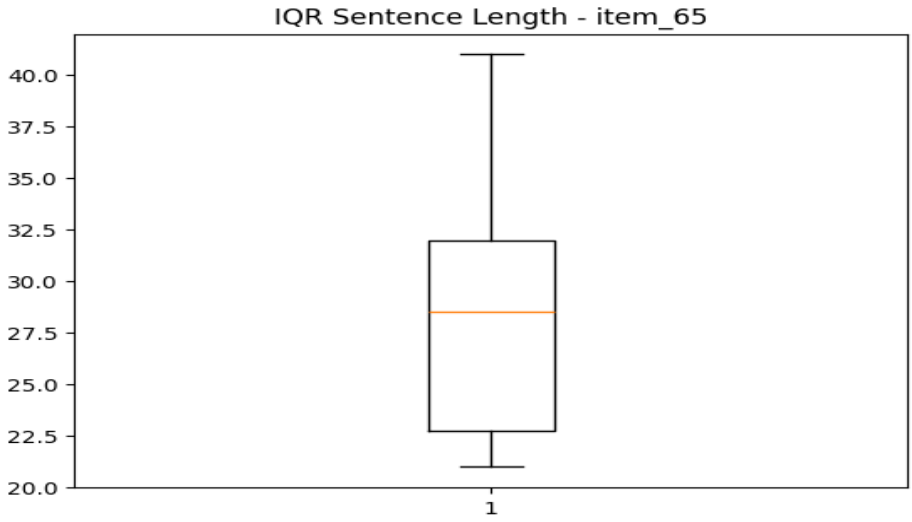

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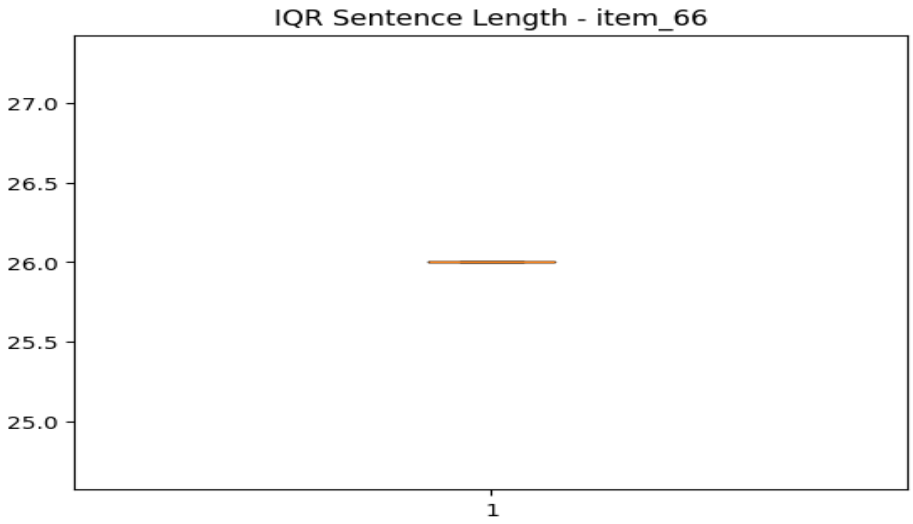

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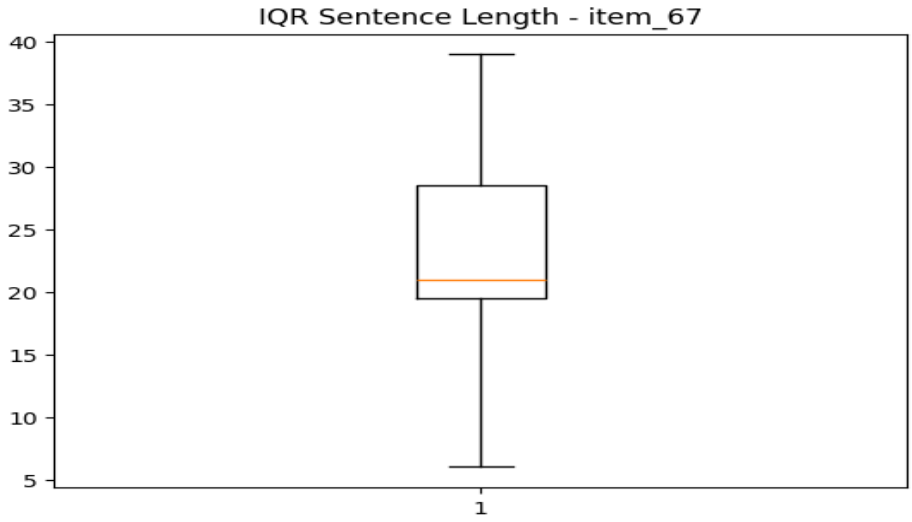

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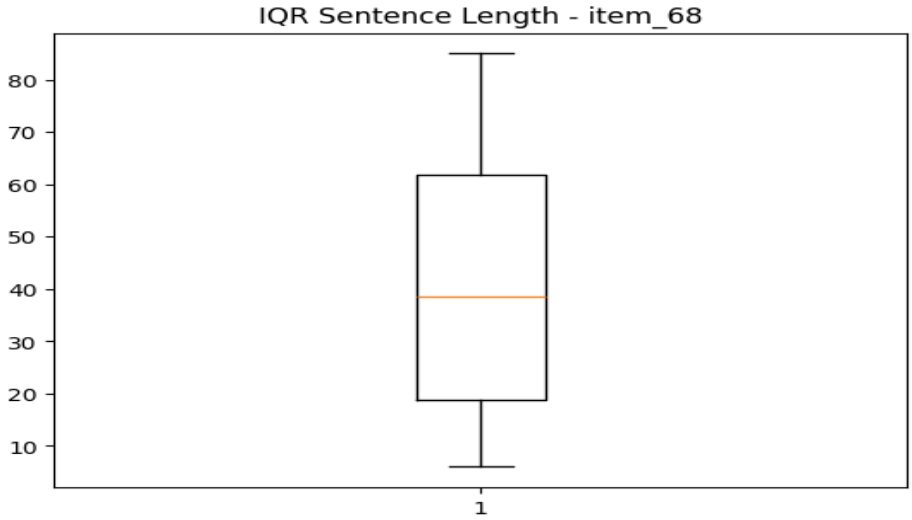

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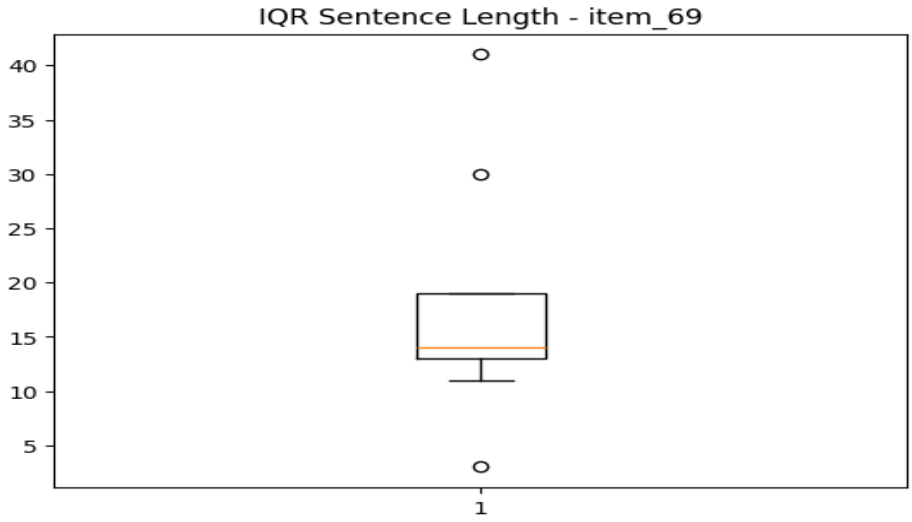

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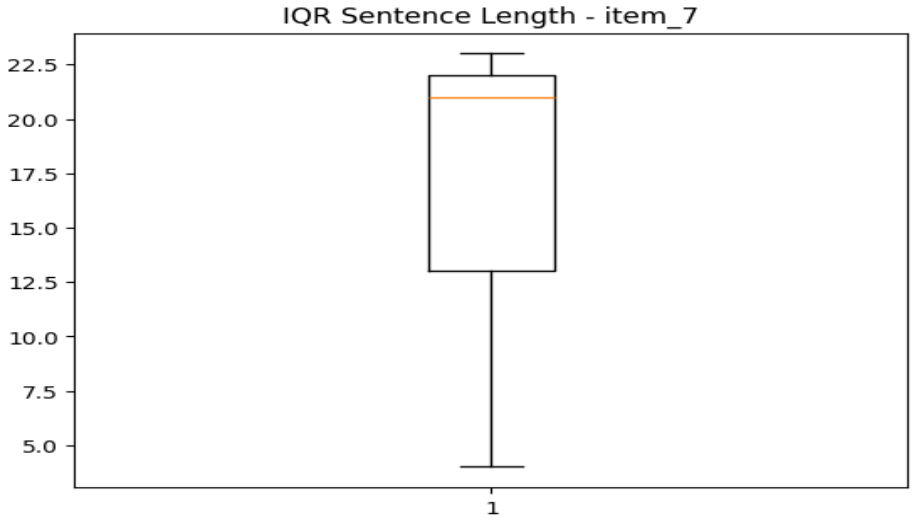

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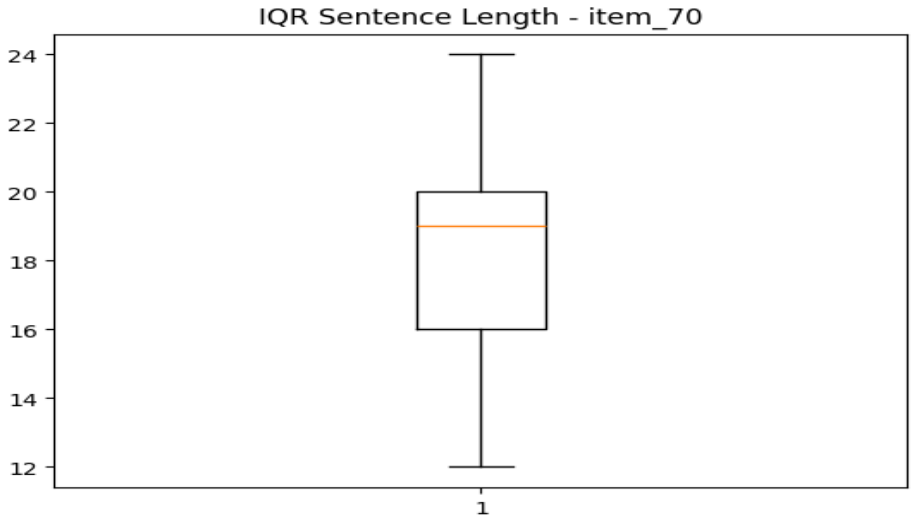
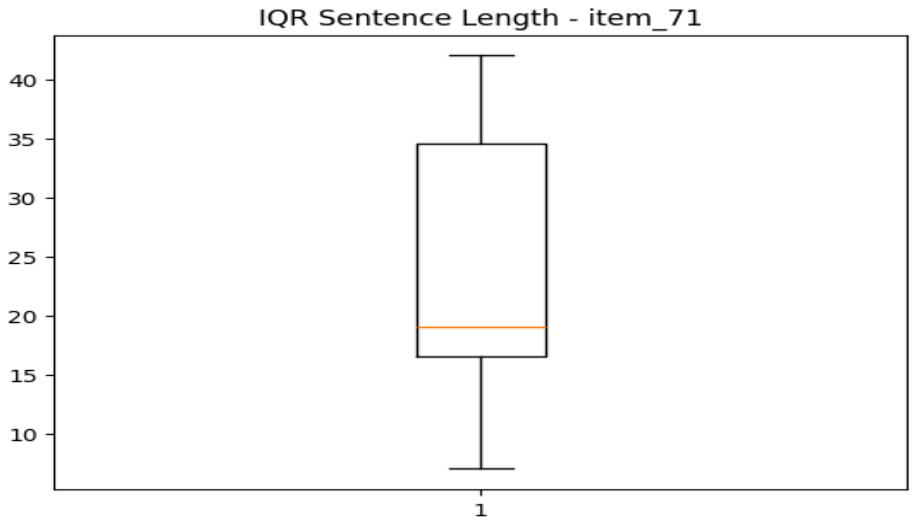


sentence_IQR_item_71.png



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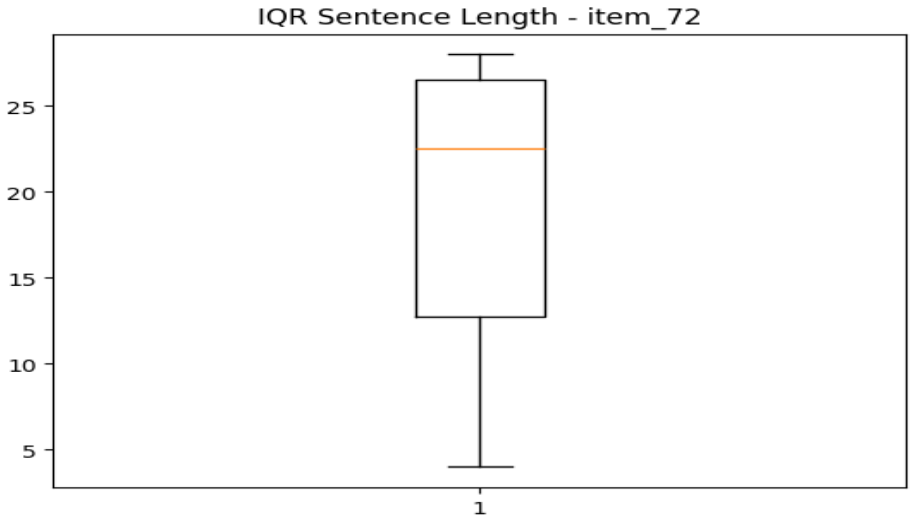

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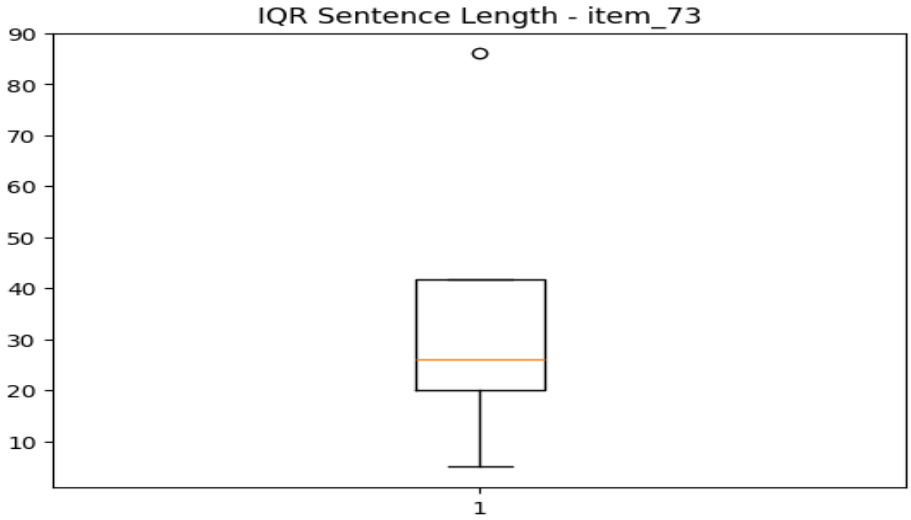

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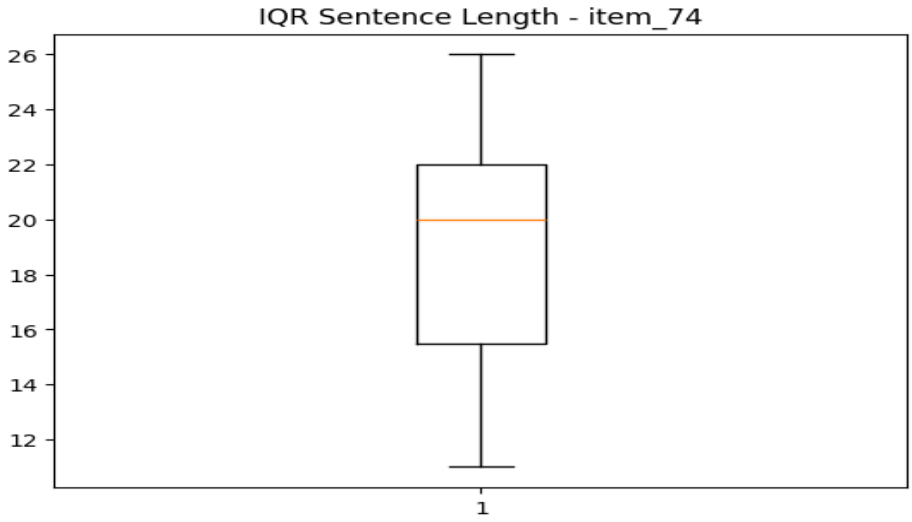

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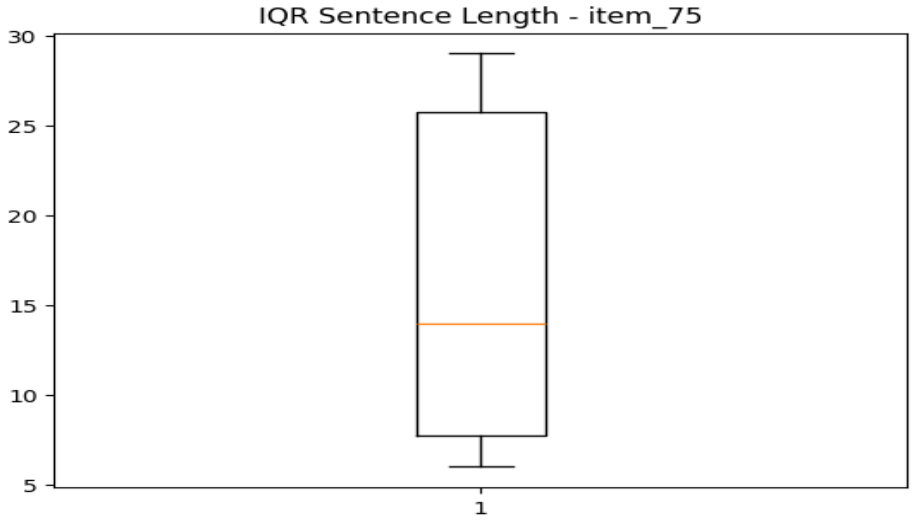

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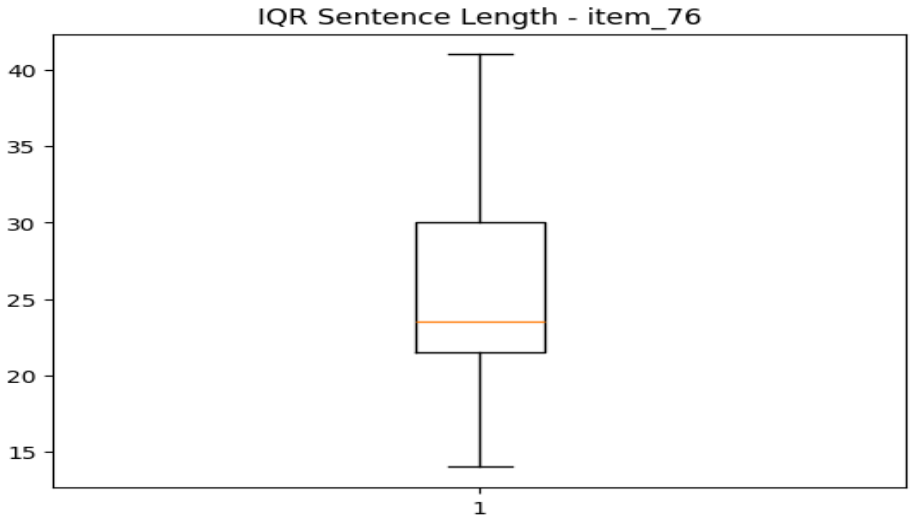

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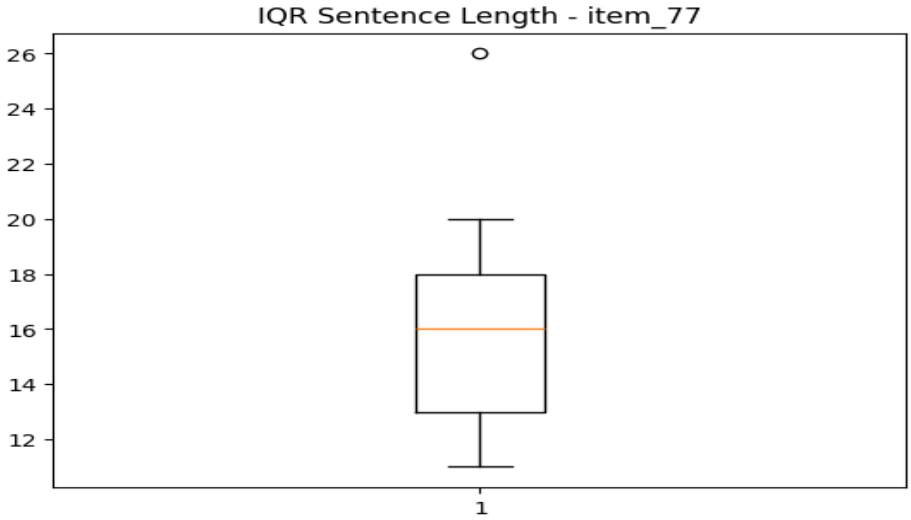

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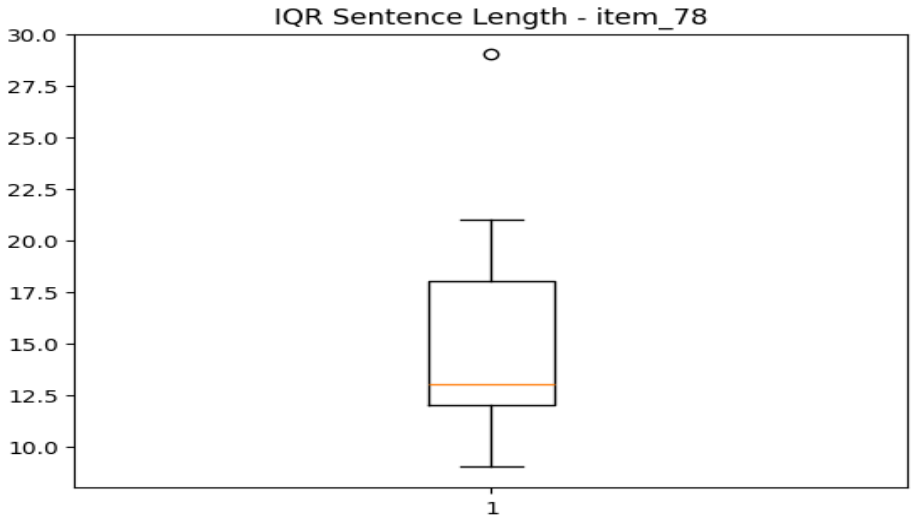

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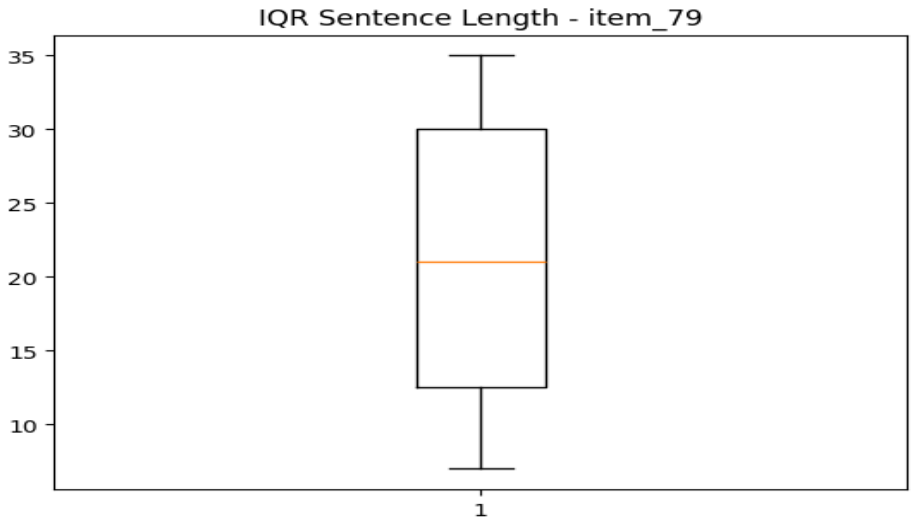

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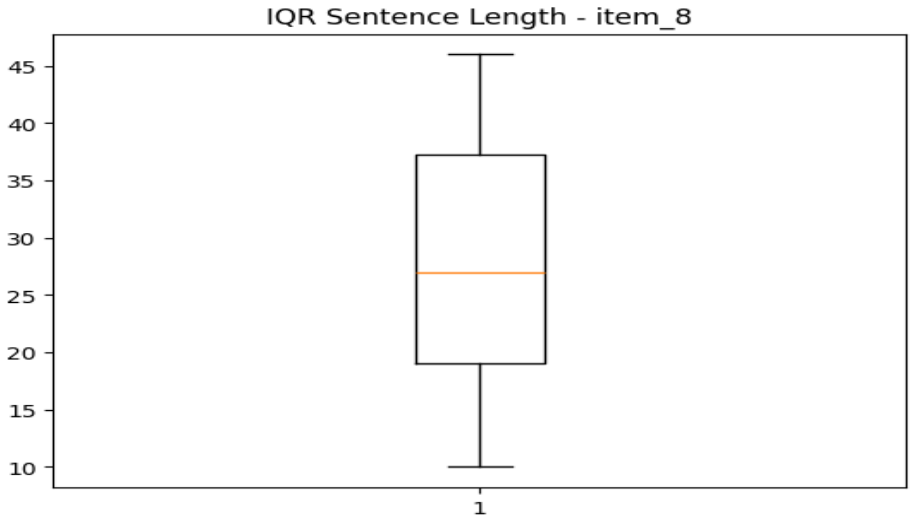

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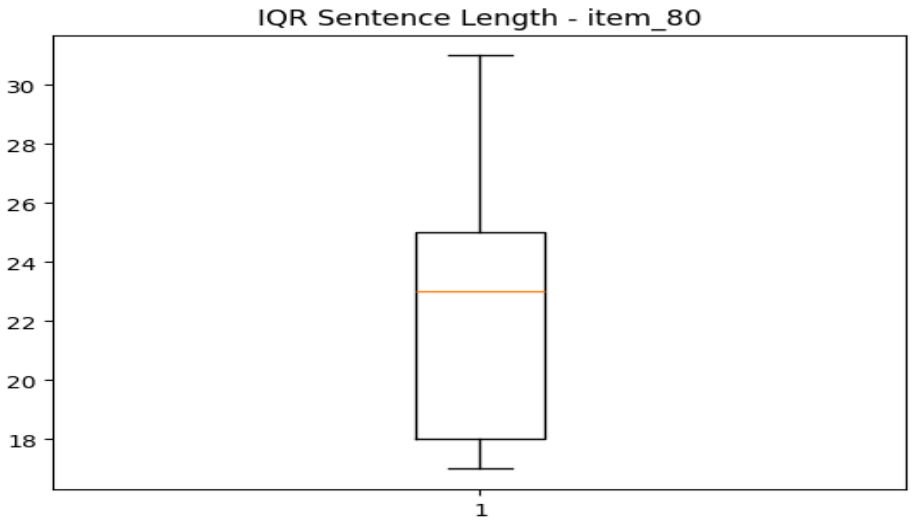

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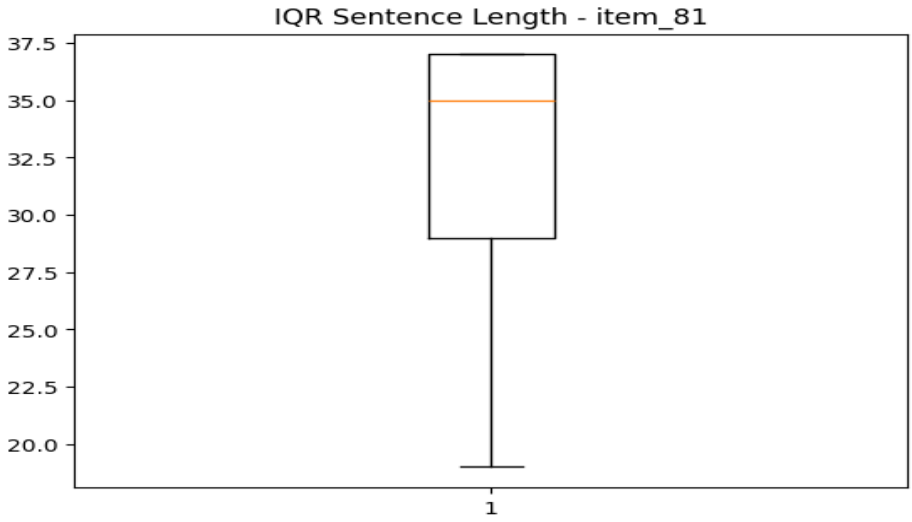

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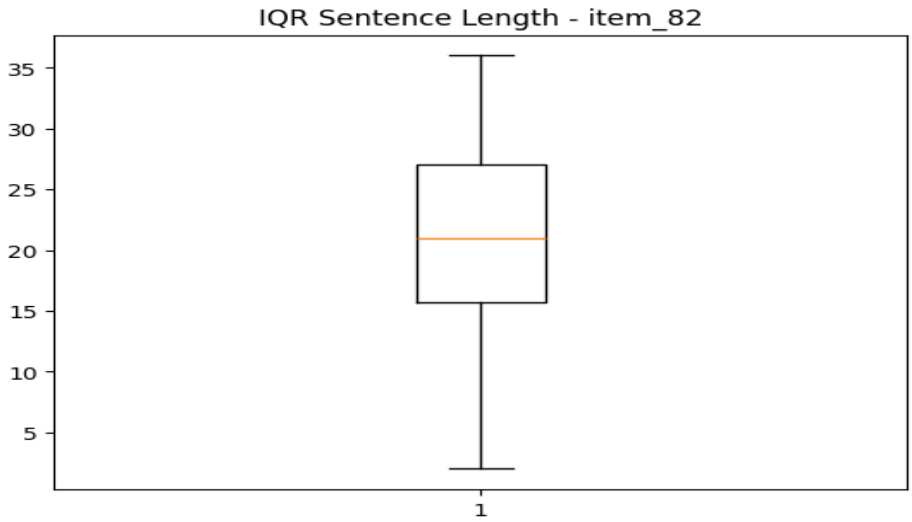

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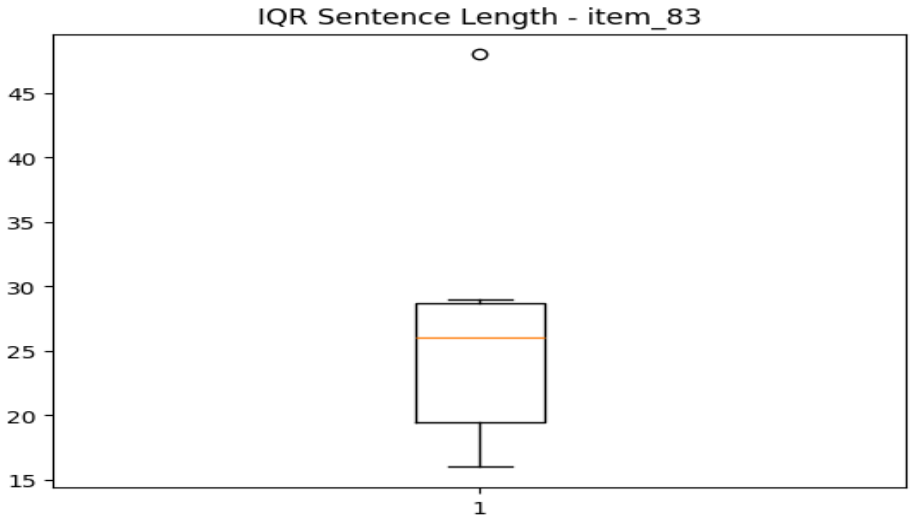

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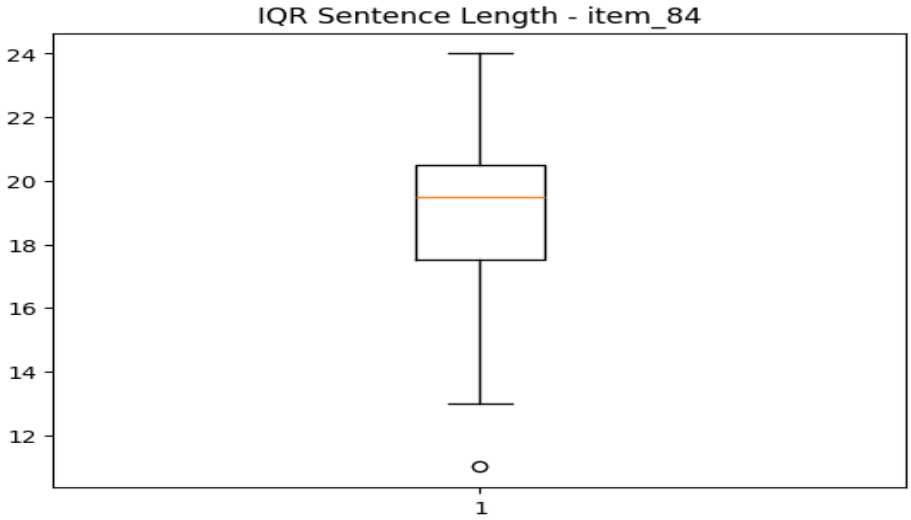
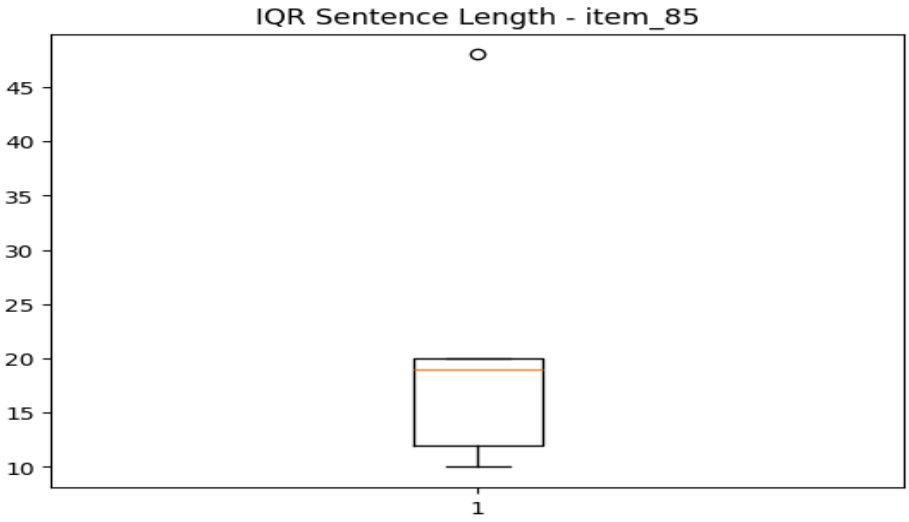


sentence_IQR_item_85.png



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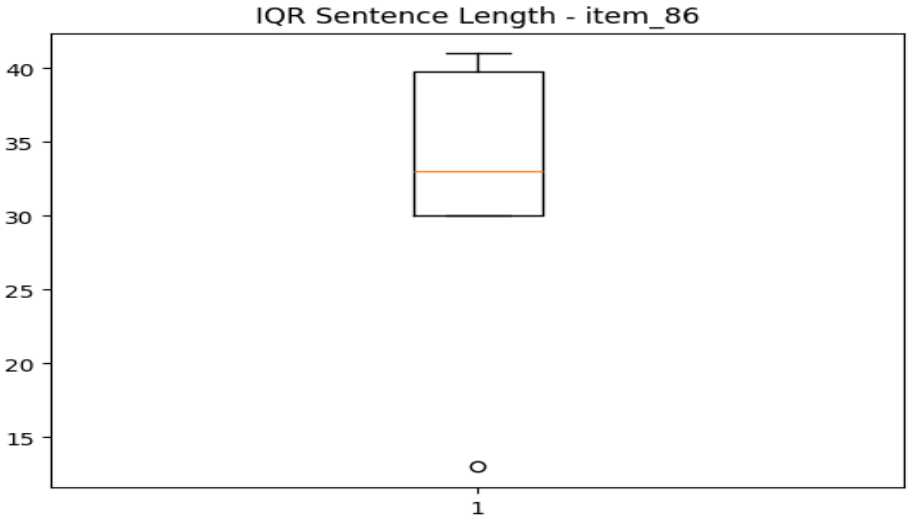

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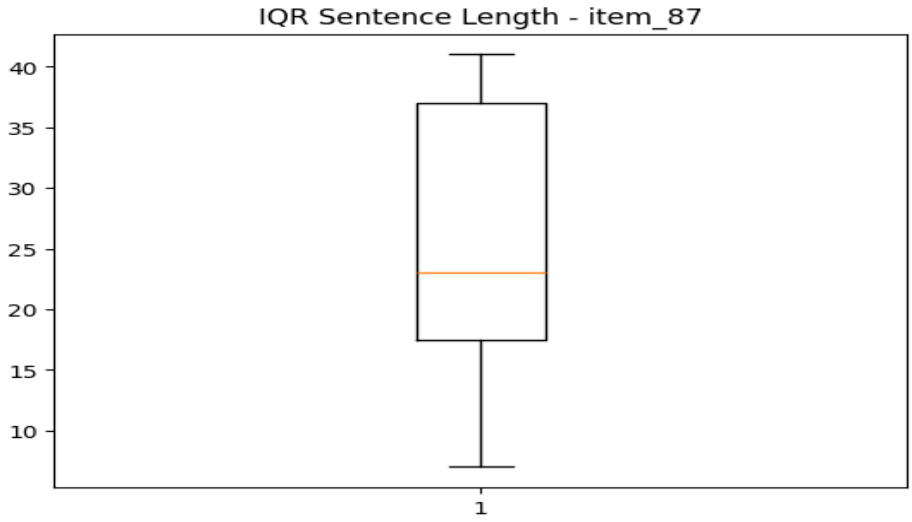

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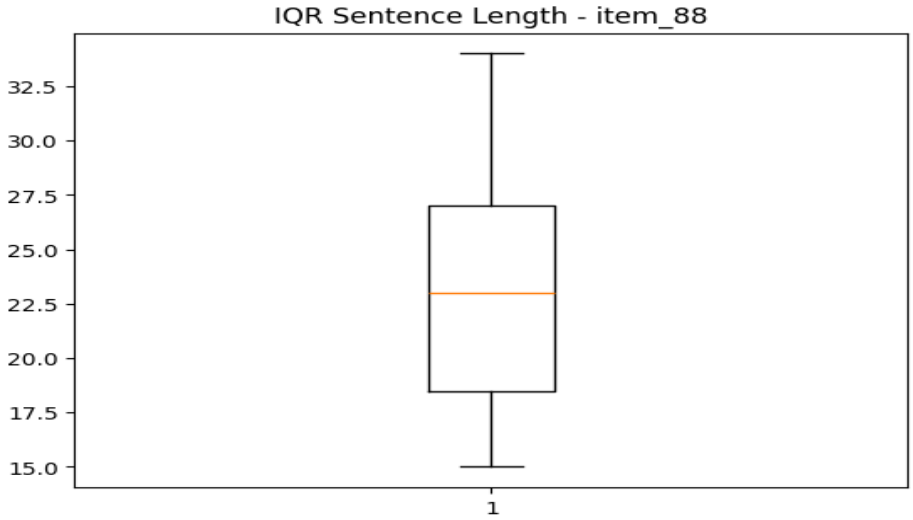

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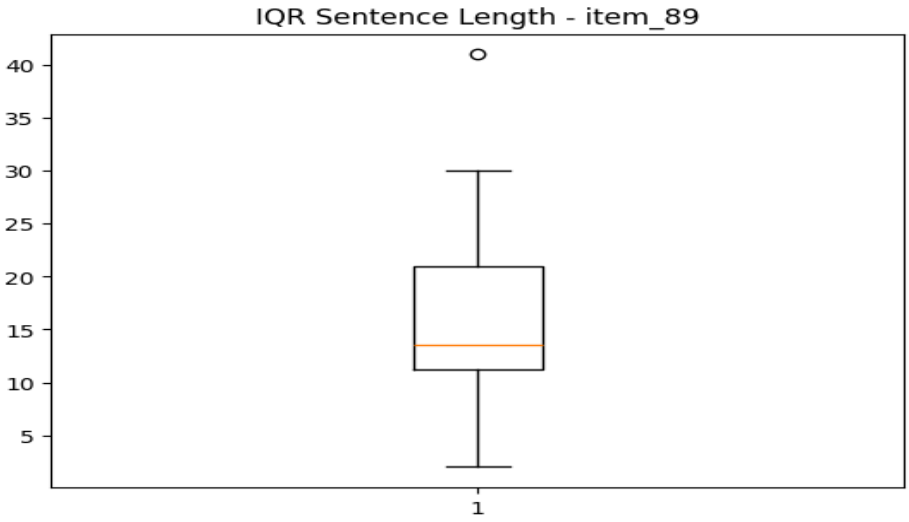

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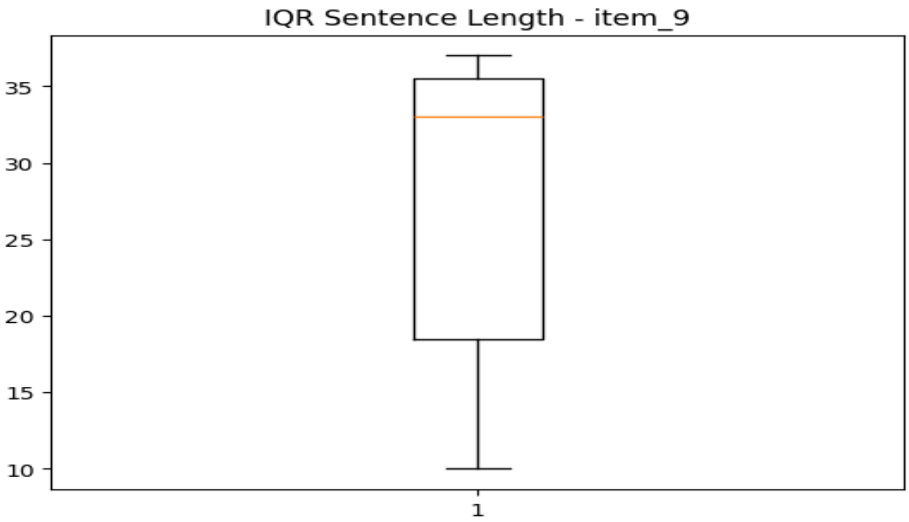

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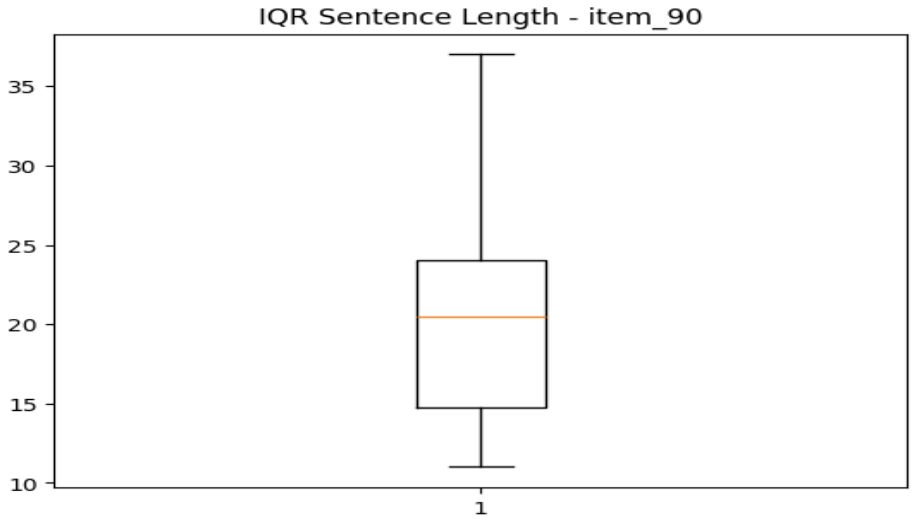

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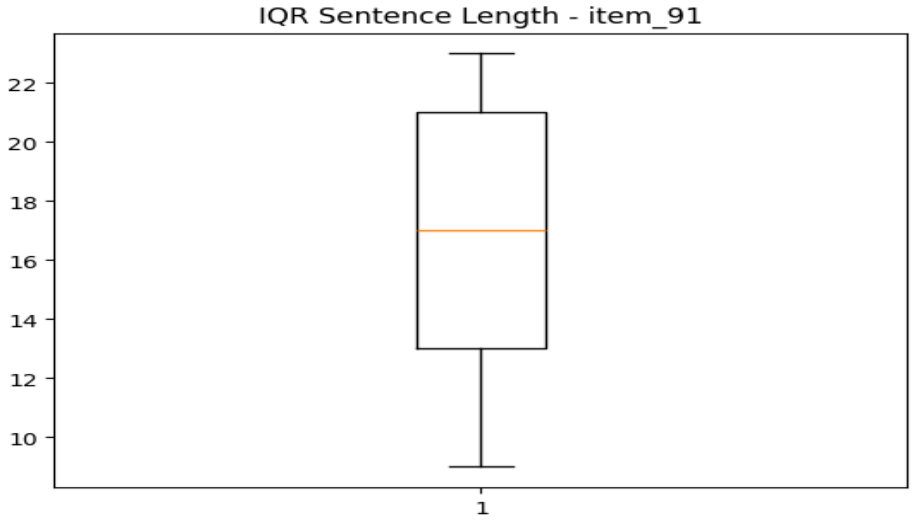

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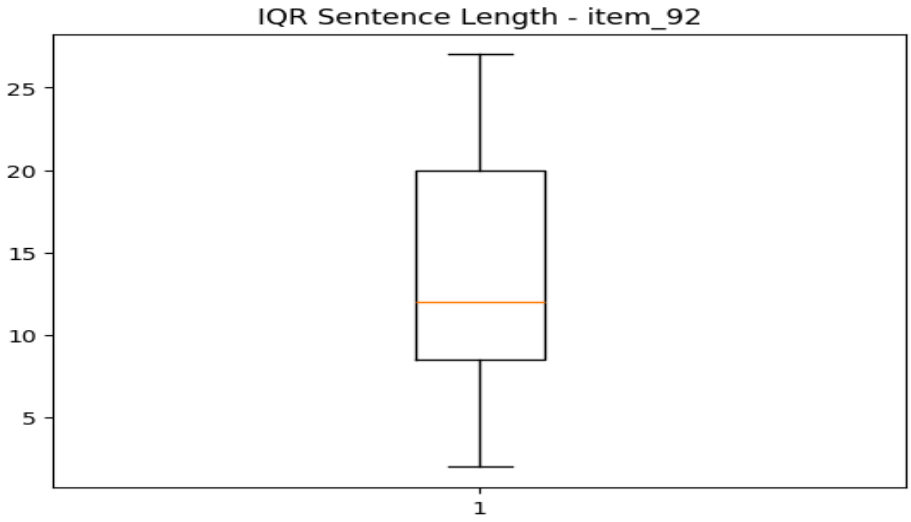

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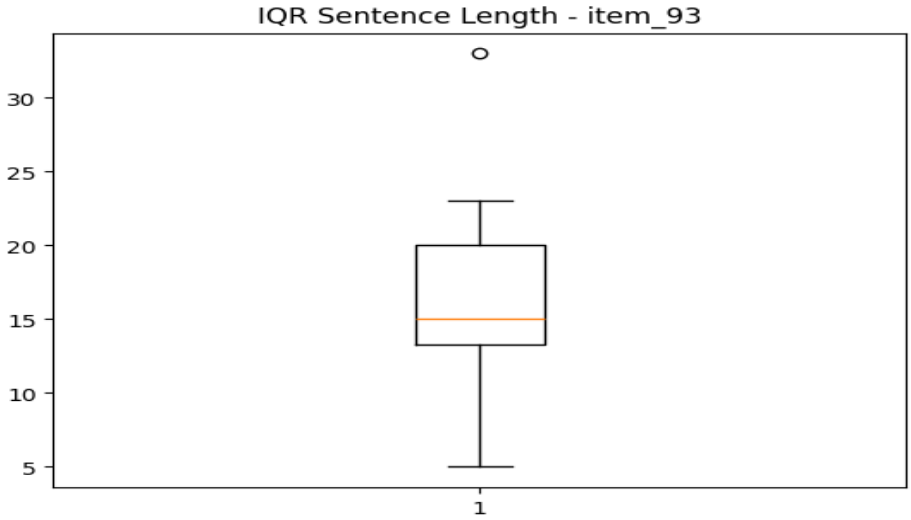

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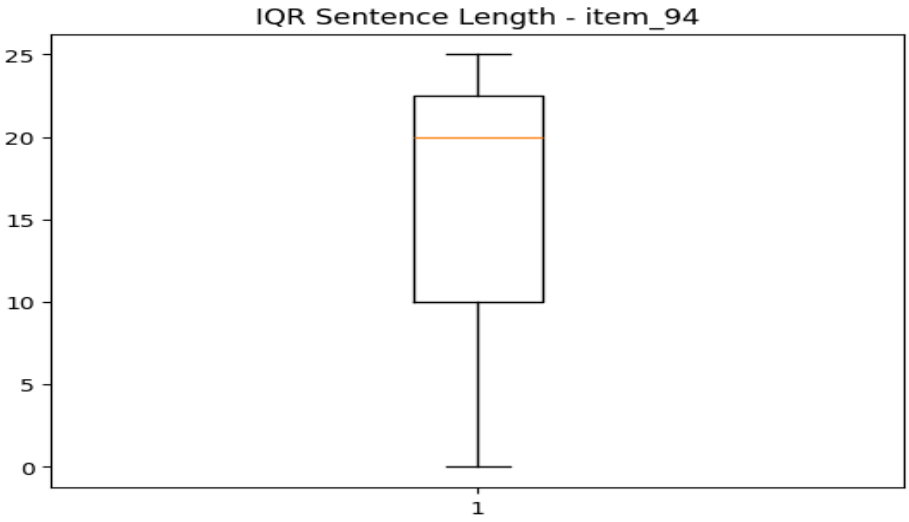

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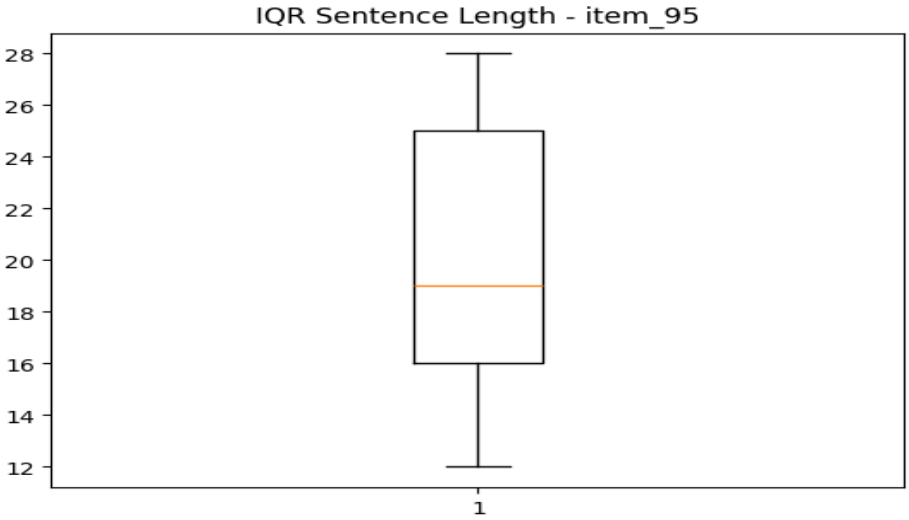

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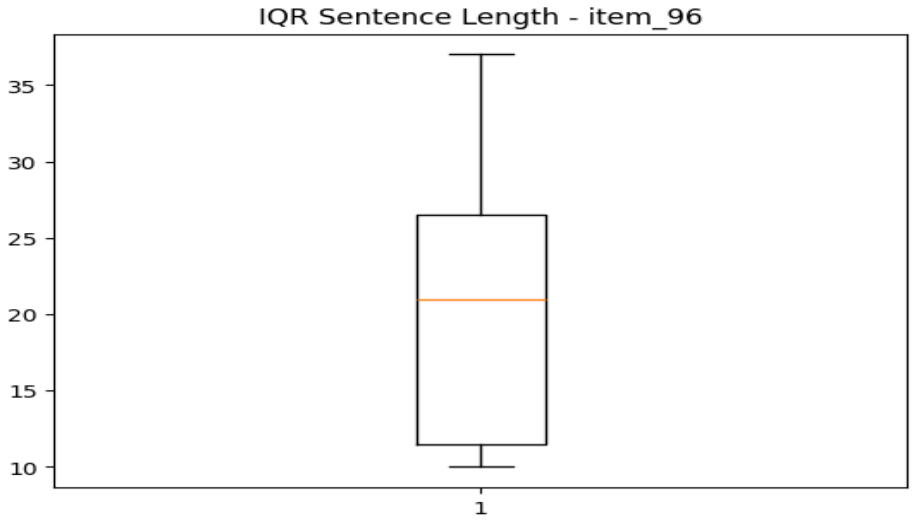

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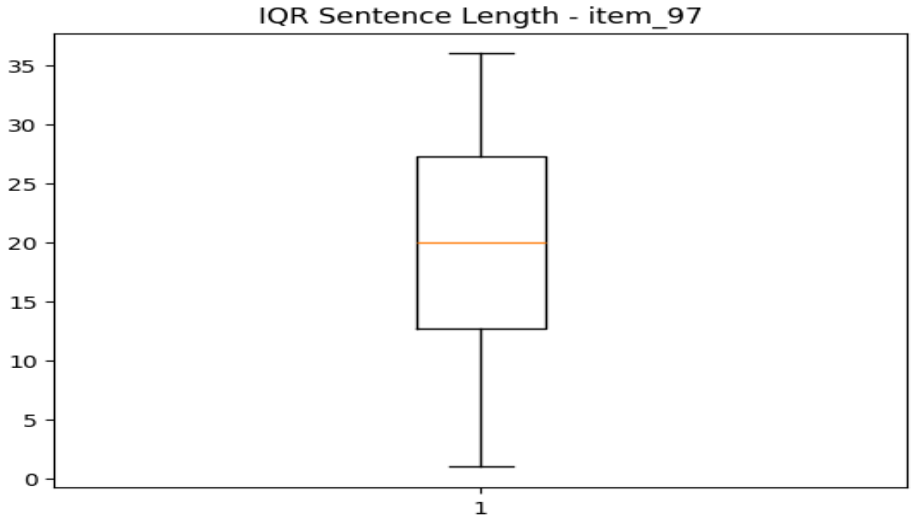

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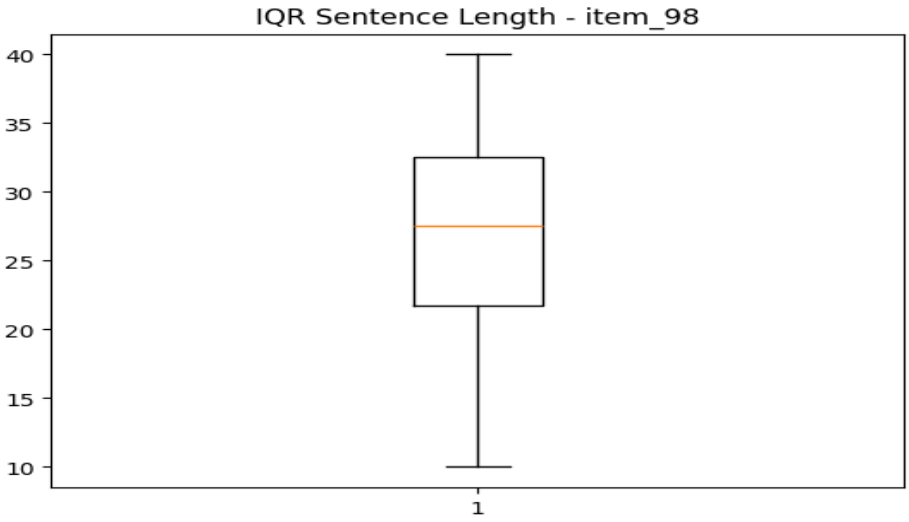
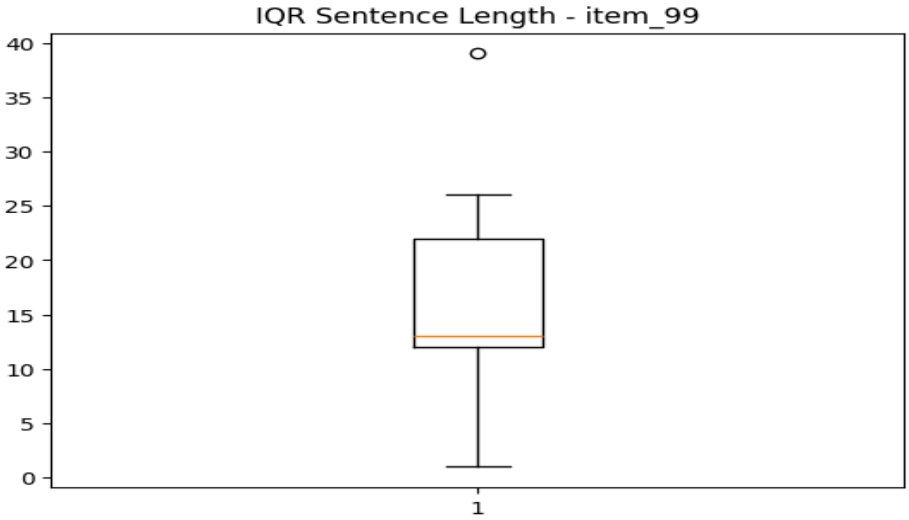
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